INDEX OF ABSTRACTS OF TUBERCULOSIS

Aaron, C. D. Immunization by nonvirulent and nontoxic living tubercle bacilli, 39
Abdominal tuberculosis in children, 179
—— ——, Unusual cases of, 158
Abnormal environmental conditions, The course of phthisis under present, 176
Abscesses, Nontuberculous cold, 115
Accidents, industrial, Tuberculosis after, 153
Accredited herd plan and the practitioner, 169
—— herds, Tuberculosis-free, 15
Acid-fast bacilli, low virulent tubercle bacilli, turtle and other, Antigenic property of, 155
—— bacteria, Effect of fats on, 208
Acid-resisting bacteria, Chemotherapy with, 78
Ackley, C. Eradication of bovine tuberculosis, 15
Actinometer, Fürstenau's, Light therapeutic studies with, 34
Active pulmonary tuberculosis, Diagnosis of, 21
—— —— ——, Involvement of genitourinary tract in, 112
—— tuberculosis, Auto-urine test for, 107
Activity, The determination of, according to Wildbolz, 25
——, Tuberculin in determining, 188
Adams, A. Heredity in tuberculosis, 47
Adamson, W. W. Tuberculosis of myocardium, 62
Adenitis, tuberculous, Radium treatment of, 35
——, ——, Treatment of, 166
——, ——, —— ——, by roentgen rays and radium, 166
Adenopathy, tracheobranchial, Diagnosis and significance of, 69
Adhesions, Cauterization of, in pneumothorax, 121
—— impeding therapeutic pneumothorax, Severing, 167
Adnexa, Tuberculosis of the, 29
Adult consumptives, Tuberculous meningitis in, 111
—— tuberculosis in Czecho-Slovakia, Clinical diagnosis of, 218
—— ——, Relation of childhood tuberculous infection to, 176
Adults, Apical respiratory insufficiency and the diagnosis of pulmonary tuberculosis in, 57
——, Tuberculous meningitis in, 160
——, —— —— ——, The symptoms of, 114
Afebrile tuberculosis, grave, Metabolism in, 53
After-care committee, Work of an, 175
Aged, Pulmonary tuberculosis in the, 144
——, Tuberculosis antibodies in the, 53
Agglutination reaction in tuberculous infection of children, 222
——, Serum, of tubercle bacillus, 222
Aid in early diagnosis, Albumin in sputum, 154
Aigrot, G., and Gaillard, R. Gastric ulcer in the tuberculous, 110
Air dustiness, Control of, 16
—— passages, upper, Pseudotuberculosis due to disease of, 156
Albumin in sputum aid in early diagnosis, 154
——, lymphocytes and tubercle bacilli in the sputum, 92
Alcohol extracts of the tubercle bacillus as antigens, 143
Alfaro, G. A., and Hardoy, P. J. Organization of tuberculosis prophylaxis in Argentina, 240
——, ——. ——., —— Navarro, J. C. Scientific methods for obtaining tuberculosis morbidity and mortality statistics, 211
Alizarin test in infantile tuberculosis, The, 222
Allbutt, T. C. By-products of the tuberculosis movement, 174
Allergy or anergy, 31

Allison, N. Bone tuberculosis, 127
Allison, R. G. Types of pulmonary tuberculosis under the X-rays, 68
Alpine health resorts for tuberculous patients, 229
Alport, A. C. Albumin in sputum aid in diagnosis, 154
Alps, Heliotherapy in the, 102
Als, E. Treatment of hemoptysis, 79
Ambard's coefficient in pulmonary tuberculosis, 186
Amino acids, Effect of, on the growth of tubercle bacilli, 20
Anatomic forms of pulmonary tuberculosis, The, 180
—— investigations of tuberculosis in childhood, 52
Ancestors, Prognosis and antecedent tuberculosis of, or patients themselves, 99
Anergy, Allergy or, 31
Anesthesia, Nitrous oxide-oxygen, in tuberculous animals, 86
Animals, tuberculous, Nitrous oxide-oxygen anesthesia in, 86
Anorectal fistula, nontuberculous, resembling the tuberculous variety, 226
Antagonism between different parts of the spectrum, 122
Antecedent tuberculosis of ancestors or patients themselves, Prognosis and, 99
Anterior vaginal wall, Tuberculosis of the, 160
Antibodies, Humoral, in tuberculosis, 182
——, Tuberculosis, in the aged, 53
Antigen, Besredka, Specificity of the, 143
Antigenic action of Friedmann's vaccine, 241
—— property of low virulent tubercle bacilli, turtle and other acid-fast bacilli, 155
Antigens, Alcohol extracts of the tubercle bacillus as, 143
——, partial (Deycke-Much), Treatment of tuberculosis with, 206
——, ——, The prognostic significance of the cutaneous reaction to old tuberculin and to, in tuberculosis, 209
——, ——, —— treatment of grave cases of pulmonary tuberculosis with, 38
——, ——, Treatment of pulmonary tuberculosis with, 103
Antigens, the Deycke-Much partial, The leucocytes during the treatment of tuberculosis with, 206
Antituberculosis campaign in Denmark, The, 239
—— work in Greece, 239
—— —— —— New South Wales, 241
—— —— —— Rumania, 238
—— —— —— the Czecho-Slovak army, 240
Apex, hilum and lower lobe lesions of tuberculosis in childhood, 89
——, tuberculous, Tenderness over, 57
Apical respiratory insufficiency and the diagnosis of pulmonary tuberculosis in adults, 57
Apparatus, artificial pneumothorax, A simple, 75
Arc light, Treatment of laryngeal tuberculosis with the, 123
Argentina, tuberculosis prophylaxis in, Organization of, 240
Armstrong, D. B. Framingham demonstration and industrial medicine, 236
——, ——. ——. Health letters, 41
——, ——. ——. Tuberculosis control, 135
——, ——. ——., and Bartlett, P. C. Framingham community health and tuberculosis demonstration, 151
Arnould, E. Factors in the spread of the tubercle bacillus, 176
——, ——. Prognosis and antecedent tuberculosis of ancestors or patients themselves, 99
Arteriosclerosis, Tuberculosis and, 163
Arthritis, tuberculous, and osteomyelitis, treatment of, X-rays in the, 233
Artificial chemical light baths, Results of treatment of lupus vulgaris and surgical tuberculosis with, 197
—— light, X-ray and, Combined, treatment of local and pulmonary tuberculosis, 231
Artificial pneumothorax, 167
—— —— apparatus, A simple, 75
—— ——, Bilateral, 37
—— ——, complication of, A, 194
—— ——, Contraindications to the administration of, 229
—— ——, Diagnostic, 60
—— ——, Immune reactions with, 108
—— ——, Importance of exact measurement of intrapleural pressure in, 195

Artificial pneumothorax in pulmonary tuberculosis, 101
—— —— —— treatment of hemoptysis, 167,
—— ——, Oxygen or carbon dioxide for, 229
—— ——, pleural cavity in, Investigation of the, 229
—— ——, Pleural effusion on the healthy side in, 93
—— ——, Recovery of respiratory capacity after, 196
—— ——, Spontaneous pneumothorax complicating, 108
—— —— therapy, 194
—— —— treatment, Value of, 101
Artificial sunlight treatment of pulmonary tuberculosis, 231
—— —— —— —— tuberculosis in guinea pigs, 231
Association of tuberculous meningitis with meningococci and para meningococci, 97
Atypical tuberculosis with Mikulicz's syndrome, 160
Aureol lamp rays, Influence of, on immunity, 232
Auscultation in early diagnosis, Value of, 184
Ausgpurger, O. Intracutaneous tuberculin test in cattle, 149
Austgen, H. Scarlatinal rash after the use of quartz light, 51
Austria, Tuberculosis in, 4
Autoserum, Auto-urine and, biologic test for tuberculosis, 26
Auto-urine and autoserum biologic test for tuberculosis, 26
—— reaction, Wildbolz, Diagnostic value of the, 221
—— test for active tuberculosis, 107
Avian tubercle bacillus, The, 223
Axillary lymph node tuberculosis in pulmonary tuberculosis, 158

Babies, Tuberculinization of, 75
Bach, H. Light and climatic treatment of tuberculosis, 124
Bachmann, E. Scientific methods for obtaining tuberculosis morbidity and mortality statistics, 211
Bacilli, acid-fast, Antigenic property of low virulent tubercle bacilli, turtle and other, 155
Bacilli, tubercle, Albumin, lymphocytes and, in the sputum, 92
——, ——, Cold-blooded, and Friedmann's vaccine, 204
——, ——, Culture of, on egg yolk, 144
——, ——, Effect of amino acids on the growth of, 20
——, ——, Excretion of, in bile, 98
——, ——, in milk, Action of prolonged pasteurization on, 72
——, ——, —— the blood of tuberculous patients, 93
——, ——, —— —— sputum, The new concentration methods for examination for, 155
——, ——, Influence of organ extracts on, 207
——, ——, Isolation of, from sputum by Petroff's method, 224
——, ——, low virulent, turtle and other acid-fast bacilli, Antigenic property of, 155
——, ——, nonvirulent and nontoxic living, Immunization by, 39
——, ——, Properties of, attenuated by bile, 223
——, ——, Resistance of the caterpillar to, 53
——, ——, The detection of, by dark field illumination, 186
——, ——, —— disinfecting power of the solar rays upon, 50
——, turtle, Treatment of surgical tuberculosis with, 202
Bacillus, bovine, and man, The, 14
Bacillus, tubercle, Alcohol extracts of the, as antigens, 143
——, ——, as fat fungus, 19
——, ——, avian, The. 223
——, ——, Course of the, from sputum to child, 89
——, ——, Factors in the spread of the, 176
——, ——, Serum agglutination of, 222
——, ——, staining the, A new method of, 93
——, ——, The influence of chaulmoogra oil on the, 74
——, ——, types of, Significance of, 143
Bacmeister, A. X-ray treatment of pulmonary and intestinal tuberculosis, 123
Bacteria, acid-fast, Effect of fats on, 208
——, acid-resisting, Chemotherapy with, 78

Bacteria on coins, 217
Bacterial flora of tuberculous sputum, 20
Baensch, W. Tebelon in the treatment of surgical tuberculosis, 207
Baetzner, W. Case of gastric tuberculosis, 189
Baker, S. J., and Sobel, J. Open-air schools during 1919, 76
Balyeat, R. M. Diagnosis and significance of tracheobronchial adenopathy, 69
Barcza, A. V. Correct and incorrect application of Friedmann's remedy, 234
Bardswell, N. Diagnosis of pulmonary tuberculosis, 68
——, ——. The subcutaneous tuberculin test, 188
Barney, A. J. D. Genital tuberculosis in the male, 29
Barnhard, O. Heliotherapy of surgical tuberculosis and necessity of community sanatoria for such patients, 230
Barr, D. P., and McCann, W. S. Metabolism in tuberculosis, 53
Barthas. Association of tuberculous meningitis with menigococci and parameningococci, 97
Barthel, C., and Stenstrom, O. Action of prolonged pasteurization on tubercle bacilli in milk, 72
Bartlett, P. C., and Armstrong, D. B. Framingham community health and tuberculosis demonstration, 151
Bartschmid, J. The war and tuberculosis among the children of Munich, 178
Basal metabolism findings in chronic pulmonary tuberculosis and hyperthyroidism, Blood sugar and, 186
Basilar meningitis, An early diagnostic sign in, 60
Bass and Rieux, J. Complement fixation reaction in tuberculosis, 154
Baths, artificial chemical light, Results of treatment of lupus vulgaris and surgical tuberculosis with, 197
——, Universal light, in ophthalmology, 122
Bauereisen, A. Experimental research on primary tuberculosis of the female genital organs, 30
Beeler, R. C. Roentgen diagnosis of renal tuberculosis, 159
Begtrup-Hansen, J. Artificial pneumothorax in treatment of hemoptysis, 167
——, ——. Light treatment of pulmonary and laryngeal tuberculosis, 229
Beitzke, H. Relation of childhood tuberculous infection to adult tuberculosis, 176
Belgium, tuberculosis in, struggle against, The, 239
Beliefs regarding pulmonary tuberculosis, Misleading, 55
von Bergen, J. The disinfecting power of the solar rays upon tubercle bacilli, 50
Bergeret, Remilly, and Hartman. Tuberculosis of the adnexa, 29
Berghoff, R. S. Etiologic factors in pulmonary tuberculosis, 8
Bernard, L. Preservation of infants, 237
——, ——. Social prophylaxis against tuberculosis, 84
——, ——. War and social prophylaxis, 2
——, ——., and Debré, R. Infants of tuberculous mothers, 10
Berry, M. X-ray examination of the chest, 22
——, ——. X-ray treatment of tuberculous lymph nodes, 74
Beschorner. Enlightening the public, 1
Besredka, A. Culture of tubercle bacilli on egg yolk, 144
Besredka antigen, Specificity of the, 143
Bessunger. Treatment of lupus with iodine exposed to X-rays, 233
Bezançon, F. Value of auscultation in early diagnosis, 184
——, ——., and de Jong, S. I. Tuberculous hemorrhages, 189
Bier, A. Treatment of surgical tuberculosis by the practitioner, 202
Bilateral artificial pneumothorax, 37
Bile, Excretion of tubercle bacilli in, 98
——, Properties of tubercle bacilli attenuated by, 223
Binder, A. Tumor like tuberculosis of the heart, 62
Biologic test for tuberculosis, Auto-urine and autoserum, 26
Bircher, A. Conservative treatment of peritoneal tuberculosis with X-rays, 232
Bismuth mixtures, Lung mapping with, 141
Blackmore, F. J. C. Public tuberculosis service, 74

Bladder, Primary tuberculosis of the, 29
Blaivas, A. J. Complement fixation, 22
Blatt, M. L. The physical development of tuberculous children, 147
Blechschmidt, M., and Jacob, L. Treatment of tuberculosis with partial antigens, 206
Blegvad, N. R. Treatment of laryngeal tuberculosis, 231
——, ——. ——. Treatment of laryngeal tuberculosis with the arc light, 123
de Bloeme, J. L. Tuberculin treatment, 32
Blood corpuscles, red, in the miliary tubercles of the spleen, The presence of, 52
—— lipases in tuberculosis, 221
—— of tuberculous patients, Tubercle bacilli in the, 93
—— pressure in pulmonary tuberculosis, The, 142
——, Stability reaction of, in tuberculosis, 154
—— sugar and basal metabolism findings in chronic pulmonary tuberculosis and hyperthyroidism, 186
—— transfusion in pulmonary tuberculosis, 106
Blumgarten, A. S. Diagnosis of lung tumors, 227
Boas, E. P. Value of artificial pneumothorax treatment, 101
——, ——. ——., and Mann, H. The heart and tuberculosis, 126
Body temperature, Action of the visible light rays on the, 103
Boeri, G. Tuberculosis in soldiers, 18
Boerner, F., Jr. Tuberculosis of horses, 150
Boggs, R. H. Treatment of tuberculous adenitis by roentgen rays and radium, 166
Bolle, G. Chronic pulmonary tuberculosis with few symptoms, 56
Bone and joint disease, Tuberculous, 96
—— —— —— tubercle, Stigmata of predisposition to, 85
—— —— —— tuberculosis, Light treatment of, 230
—— lesions, obscure, Roentgenography of, 61
—— tuberculosis, 127
Bones and joints, tuberculosis of the, Treatment of, 105
Boquet, A., and Nègre, L. Alcohol extracts of the tubercle bacillus as antigens, 143
——, ——., —— ——, ——. Tuberculosis in small rodents, 99
——, ——., Nègre, L., and Calmette, A. Properties of tubercle bacilli attenuated by bile, 223
Borgogno, M. Spengler's immune bodies, 31
Bosch, E. Diagnostic value of the Wildbolz auto-urine reaction, 221
Boswell, H. Fundamental factors in the control of tuberculosis, 152
Botryomycosis, Pulmonary, 99
Bourne, G. Complete pneumothorax in an infant, 146
Bovine and human tuberculosis, 169
—— bacillus and man, The, 14
—— tuberculosis, Complement fixation in, 98
—— ——, Eradication of, 15
—— ——, No compromise with, 168
Brady, L. Tuberculosis of the kidney in women, 70
Brandenstein. Treatment of surgical tuberculosis with turtle bacilli, 202
Breiger, S. The light treatment of venereal diseases, 197
Briggs, W. T. Renal tuberculosis, 113
Broca, A. Influence of trauma on surgical tuberculosis, 86
——, ——. Surgical tuberculosis, 63
——, ——. Treatment of tuberculous adenitis, 166
——, ——. Tuberculosis after industrial accidents, 153
Bronchial lymph nodes, Nontuberculous enlargement of the, 126
Bronchiectasis and accessory sinus disease, 130
Bronchopulmonary mycosis, Tropical, 130
—— spirochetosis, 192
Brown-Sequard's syndrome in Pott's disease, 63
Bruner, S. E. Tuberculosis eradication among cattle in Pennsylvania, 98
Building tuberculosis sanatoria, 136
Burnand, M. R. Investigation of the pleural cavity in artificial pneumothorax, 229
——, ——. ——. Spontaneous pneumothorax complicating artificial pneumothorax, 108

Burnand, R. Latent tuberculosis, 180
——, ——. Treatment of tuberculosis, 163
Bushke, A. Treatment of lupus vulgaris with Friedmann's vaccine, 205

Calcium and tuberculosis in rabbits, 102
—— in pulmonary tuberculosis, 102
Calculus, impacted pelvic, Renal tuberculosis and, 158
——, Repeated hemoptysis caused by a, 94
Calmette, A. Diffusion of tuberculosis throughout the world, 211
——, ——. Prophylaxis in tuberculosis, 14
——, ——. Vaccination of cattle, 179
——, ——., Boquet, A., and Negre, L. Properties of tubercle bacilli attenuated by bile, 223
Campaign against tuberculosis in Pennsylvania, 84
—— —— —— —— Wales, 3
—— —— ——, The, 66
——, Coöperative eradication, and the practitioner, 15
——, The public health nurse in the, 138
——, tuberculosis, Coöperative, 42
——, ——, Knights of Columbus in, 106
Camphor and emetine in the treatment of hemoptysis, 79
Canada, Tuberculosis in, 44
Cancer of the lung, Tuberculosis and, 62
Cantacuzène. Antituberculosis work in Rumania, 238
Capillary microscope, The intracutaneous tuberculin injection as revealed by the, 142
Capo, A. E. Essentials in tuberculosis prophylaxis, 237
——, ——. ——. Scientific methods for obtaining tuberculosis morbidity and mortality statistics, 211
Carbon dioxide, Oxygen or, for initial artificial pneumothorax, 229
Care of moderately advanced pulmonary tuberculosis, The 37
—— —— tuberculous cripples, 203
——, Sanatorium, of tuberculous soldiers, 152
Carpi, U. Immune reactions with artificial pneumothorax, 108
Carroll, W. E., and Gibson, C. B. Autourine test for active tuberculosis, 107
Case of tuberculous mesenteric nodes, A, 127
—— —— urological tuberculosis, 113
Caseous pneumonia and proliferative phthisis, Differential diagnosis of, 185
Cases of abdominal tuberculosis, Unusual, 158
—— —— surgical thoracic tuberculosis, Two, 121
Catalonia, tuberculosis in, Present efforts against, 238
Caterpillar, Resistance of the, to tubercle bacilli, 53
Catheterization in tuberculous kidney, Rationale of diagnostic, 190
Catholic nursing orders, Tuberculosis among, 214
Cattle. Combination tuberculin tests in. 149
——, Intracutaneous tuberculin test in, 149
——, Skin tuberculosis in, 170
——, Tuberculin test of, and tuberculosis control, 149
—— tuberculosis, Control of, 116
——, Tuberculosis eradication among, in Pennsylvania, 98
——, Vaccination of, 179
Causes of death in United States registration area, 1919, 4
—— —— disease, Tuberculous toxins as, 216
Caussader, G., and Doumer, E. Tuberculous edematous infiltration of the lung, 158
Cauterization of adhesions in pneumothorax, 121
Cavities, pulmonary, in tuberculosis, Certain symptomatological aspects of, 25
Cawadias. Antituberculosis work in Greece, 239
Cell, The action of ultraviolet rays on the, 122
Census, The first, in Vienna, Statistics on infant and tuberculosis mortality during the eighteenth century, 43
Cerebrospinal fluid, Chemical examination of, in the diagnosis of tuberculous meningitis, 61
Cerium salts in the treatment of chronic tuberculosis, 101
Chaffin, G. L., and Whittemore W. Extrapleural thoracotomy, 203
Chaulmoogra oil in leprosy and tuberculosis, 168

Chaulmoogra oil in the treatment of tuberculosis, 124
—— ——, The influence of, on the tubercle bacillus, 74
Cheinisse, L. Camphor and emetine in the treatment of hemoptysis, 79
——, ——. The internal use of iodine, 32
——, ——. Tuberculosis mortality in Vienna before and after the war, 81
Chemical examination of the cerebrospinal fluid in the diagnosis of tuberculous meningitis, 61
—— light baths, artificial, Results of treatment of lupus vulgaris and surgical tuberculosis with, 197
Chemotherapy, Krysolgan, 234
—— of experimental tuberculosis, Mercury compounds in the, 33
—— —— tuberculosis with collargol and colloidal copper, 235
—— with acid-resisting bacteria, 78
Chest wounds and pulmonary tuberculosis, 49
——, X-ray examination of the, 22, 187
Child, Course of the tubercle bacillus from sputum to, 89
——, Tuberculous infection of a, 215
Childhood, advanced, Danger of tuberculous infection in, 215
——, Apex, hilum and lower lobe lesions of tuberculosis in, 89
——, Pulmonary tuberculosis in, 10
——, tuberculosis in, Anatomic investigations of, 52
——, —— ——, Diagnosis of, 219
—— tuberculous infection, Relation of, to adult tuberculosis, 176
Children, Abdominal tuberculosis in, 179
——, Chronic tuberculous hilum pneumonia in, 90
——, Hospital school for surgical tuberculosis in, 76
——, infants and, Roentgen ray and tuberculosis in, 108
—— of Munich, The war and tuberculosis among the, 178
—— —— tuberculous parents during the war, The fate of, 215
——, surgical tuberculosis in, The treatment of, by venous hyperemia, 148
——, Tuberculin treatment of, 30
Children, Tuberculosis in, 108
——, —— ——, Complement fixation for, 90
——, —— of, 89
——, —— —— the tracheobronchial glands in, Early diagnosis of, 91
——, tuberculous infants and, Epituberculous infiltration of the lungs in, 146
——, —— infection of, Agglutination reaction in, 222
——, Tuberculous, sleep in parks, 148
——, ——, The physical development of, 147
——, X-ray treatment in, The results of, 148
——, young, Tuberculosis in infants and, 88
Chile, tuberculosis in, struggle against, The, 240
Chondroturia in pulmonary tuberculosis, 142
Chotzen, T., and Kuznitsky, E. Exposure of the cornea to ultraviolet light, 198
Chronic gas poisoning and pulmonary tuberculosis, 11
—— nontuberculous lung disease, 129
—— pulmonary tuberculosis and hyperthyroidism, Blood sugar and basal metabolism findings in, 186
—— —— —— with few symptoms, 56
—— tonsillitis as a source of mixed infection in pulmonary tuberculosis, 183
—— tuberculosis of the kidney, 70
—— ——, treatment of, Cerium salts in the, 101
—— tuberculous hilum pneumonia in children, 90
—— —— pericarditis, Pleuropulmonary tuberculosis and, 95
Cities, large U. S., Pulmonary tuberculosis mortality of, 134
Clark, Janet H. Action of light on the leucocytes, 51
Classification of pulmonary tuberculous lesions, A prognostic, 209
—— —— râles, 219
—— —— tuberculosis, 40
Cleveland health survey, 44
Climate and weight in tuberculosis, 193
—— in tuberculosis, 104
Climatic treatment of tuberculosis, Light and, 124
Clinical diagnosis of adult tuberculosis in Czecho-Slovakia, 218
—— methods, laboratory and, in tuberculosis, Relative value of, 218

Clinical observations on Hodgkin's disease, 227
Cohen, S. A., and Dunn, C. H. Diagnosis and prognosis of tuberculosis in infancy, 87
Coins, Bacteria on, 217
Cold abscesses, Nontuberculous, 115
——, Pleurisy due to, 27
Cold-blooded tubercle bacilli and Friedmann's vaccine, 204
Collargol, Chemotherapy of tuberculosis with, and colloidal copper, 235
Collins, F. G. Tuberculosis recreation centres, 138
Colloidal copper, Chemotherapy of tuberculosis with collargol and, 235
Combination tuberculin tests in cattle, 149
Community sanatoria, Heliotherapy of surgical tuberculosis and necessity of, for such patients, 230
Complement fixation, 22
—— —— for tuberculosis in children, 90
—— —— in bovine tuberculosis, 98
—— —— —— surgical tuberculosis, 154
—— —— reaction in tuberculosis, 154
Complete pneumothorax in an infant, 146
Complication of artificial pneumothorax, A, 194
Complications, Nontuberculous, of pulmonary tuberculosis, 26
Concentration methods for examination of tubercle bacilli in the sputum, The new, 155
Conceptions of scrofula, The old and new, 94
Conglomerate tuberculosis of the heart, 62
Congress of the German Society for Internal Medicine, 130
Conquest of tuberculosis, The, 45
Constitution and tuberculosis, Studies in immune biology, disposition and, 117
Consumptive, The soul of the, 1
Consumptives, adult, Tuberculous meningitis in, 111
——, Occupations for, 77
——, Striae distensae in, 142
Contact, Relation of, to development of tuberculosis, 8
Contagious, Is tuberculosis, 9
Contagiousness of pulmonary tuberculosis in infants, 215
Contraindications to the administration of artificial pneumothorax, 229
Control and treatment of tuberculosis in Great Britain, 172
——, Dispensary, of tuberculosis, 136
—— of air dustiness, 16
—— —— cattle tuberculosis, 116
—— —— the factory dust problem, 17
—— —— tuberculosis, Fundamental factors in the, 152
—— —— ——, The, 174
——, Tuberculosis, 135
——, ——, Pioneer work in, 16
——, ——, Tuberculin test of cattle and, 149
Controlling tuberculosis, 41
Cooke, J. V. Complement fixation for tuberculosis in children, 90
Coöperative tuberculosis campaign, 42
Copper, colloidal, collargol and, Chemotheraphy of tuberculosis with, 235
Cornea, Exposure of the, to ultraviolet light, 198
Corper, H. J., and Rensch, O. B. Mustard gas and experimental tuberculosis, 73
—— ——. ——., Gauss, H., and Rensch, O. B., Tuberculosis and experimental endothelial leucocytosis, 100.
Cost, L. Giant cell formation, 67
Couland, E. Tuberculin reaction during the menses, 93
County councils, Sanatorium treatment under, 137
Courcout, A., and Labesse, P. Tuberculosis in old age, 179
Courmont, P. Serum agglutination of tubercle bacillus, 222
Course of phthisis under present abnormal environmental conditions, The, 176
—— —— the tubercle bacillus from sputum to child, 89
Courses in tuberculosis, 67
Cozzolino, O. Contagiousness of pulmonary tuberculosis in infants, 215
Cramer, H. Tuberculosis and arteriosclerosis, 163
Creatinin in pulmonary tuberculosis, 116
Cripples, tuberculous, Care of, 203
Crockett. Artificial pneumothorax in pulmonary tuberculosis, 101

Crockett, J. Tuberculin in epilepsy, 124
——, ——. Value of inspection in diagnosis of tuberculosis, 21
Crull, E. Value of finding the early case of tuberculosis, 183.
Cullen, E. K. Tuberculosis of the anterior vaginal wall, 160
Culpepper, W. S., and Ableson, M. Chaulmoogra oil in the treatment of tuberculosis, 124
Culture of tubercle bacilli on egg yolk, 144
Cummins, S. L. Medical education in tuberculosis, 174
——, ——. ——. Racial differences in tuberculosis, 18
Cumston, C. G. Surgical tuberculosis in infants, 88
Curability of tuberculous meningitis, 80
Cure in pulmonary tuberculosis, Test of, 209
—— or preventive of tuberculosis, 132
Cureton, E. The first sanatorium, 175
Cutaneous reaction to old tuberculin and to partial antigens in tuberculosis, The prognostic significance of the, 209
Czecho-Slovak army, Antituberculosis work in the, 240
Czecho-Slovakia, Clinical diagnosis of adult tuberculosis in, 218

Daco. Pleuropulmonary tuberculosis and chronic tuberculous pericarditis, 95
Danger of tuberculous infection in advanced childhood, 215
Dark field illumination, The detection of tubercle bacilli by, 186
Dávila, Rensole, F., and Fuentes, S. Vaccine treatment of tuberculosis, 75
Davis, L. C., Jager, R., and Kolmer, J. A. The influence of chaulmoogra oil on the tubercle bacillus, 74
Death, Causes of, in United States registration area, 1919, 4
—— rate, Low tuberculosis, for November, 1920, 7
—— ——, Tuberculosis, still declining, 173
—— rates, Deaths and, from pulmonary tuberculosis in New York City and State, 4, 82
Deaths and death rates from pulmonary tuberculosis in New York City and State, 4, 82
Deaths, New York City, from tuberculosis since 1898, 133
Debré, R., and Bernard, L. Infants of tuberculous mothers, 10
Decalcification, Tuberculosis and, 116
Defense against tuberculosis, The nose as a, 216
Delayed healing, Tuberculous infection and, 163
Delong, J., and Dumarest, F. Recovery of respiratory capacity after artificial pneumothorax, 196
Dendinger, W. C. Accredited herd plan and the practitioner, 169
Denmark, antituberculosis campaign in, The, 239
——, Mortality from tuberculosis in, 82
Dental caries and tuberculosis, 94
D'Espine, A. Treatment of tuberculosis at the seashore, 78
Detection of tubercle bacilli by dark field illumination, The, 186
Detre, G., Mezmoulins, A., and Méry, H. Radiologic diagnosis of pulmonary and glandular tuberculosis in children, 90
Deusch, G. Influenza and pulmonary tuberculosis, 216
Development of tuberculosis, Relation of contact to, 8
—— —— ——, The influence of X-rays on the, 122
——, physical, of tuberculous children, The, 147
Dewees, A. M. Campaign against tuberculosis in Pennsylvania, 84
De Witt, L. M. Mercury compounds in the chemotherapy of experimental tuberculosis, 33
Dextrocardia due to right-sided pleuropulmonary lesion, 95
Deycke-Much partial antigens, The leucocytes during the treatment of tuberculosis with the, 206
Diagnosis and prognosis of tuberculosis in infancy, 87
—— —— significance of tracheobronchial adenopathy, 69
——, Clinical, of adult tuberculosis in Czecho-Slovakia, 218
Diagnosis, Differential, of caseous pneumonia and proliferative phthisis, 185

Diagnosis, differential, of early tuberculous joints, 21, 191
——, ——, —— renal tuberculosis, 159
——, ——, —— tuberculosis, 22
Diagnosis, early, Albumin in sputum aid in, 154
——, ——, of pulmonary tuberculosis, 184
——, ——, —— tuberculosis of the tracheobronchial glands in children, 91
——, ——, Quasi-continuous temperature records in, 91
——, ——, Symptoms vs. physical signs in, 56
——, ——, Value of auscultation in, 184
Diagnosis of active pulmonary tuberculosis, 21
—— —— early tuberculosis, pupil in the, Provoked inequality of the, 219
—— —— lung tumors, 227
—— —— pulmonary tuberculosis, 68
—— —— —— ——, Apical respiratory insufficiency and the, in adults, 57
—— —— renal tuberculosis, laboratory, The, 190
—— —— tuberculosis in childhood, 219
—— —— ——, The, 139
—— —— ——, Value of inspection in, 21
—— —— tuberculous meningitis, Chemical examination of the cerebrospinal fluid in the, 61
Diagnosis, Radiologic, of pulmonary and glandular tuberculosis in children, 90
——, Roentgen of renal tuberculosis, 159
——, X-ray in, 92
——, ——, —— phthisis, 23
Diagnostic artificial pneumothorax, 60
—— catheterization in tuberculous kidney, Rationale of, 190
—— methods of bacillary infection, 222
—— sign in basilar meningitis, An early, 60
—— tuberculin, A, 187
—— —— injunction, 188
—— value of intracutaneous injection of patient's own urine, 60
—— —— —— Pirquet test, 220
—— —— —— the Wildbolz auto-urine reaction, 221
—— —— —— tuberculin in surgical tuberculosis, 110
—— —— —— X-ray examination, 68
Dickinson, G. K. Is tuberculosis contagious, 9
Diener, J. Chronic tuberculosis of the kidney, 70
Diet, Metabolism and, in tuberculosis, 54
Dietl, K. Chondroturia in pulmonary tuberculosis, 142
Different parts of the spectrum, Antagonism between, 122
Differential diagnosis of caseous pneumonia and proliferative phthisis, 185
—— —— —— early tuberculous joints, 21, 191
—— —— —— renal tuberculosis, 159
—— —— —— tuberculosis, 22
Differentiating exudates from transudates, Sochanski's method of, 186
Diffusion of tuberculosis throughout the world, 211
Diphtheria carriers, throats of, Sterilization of the, with ultraviolet rays, 198
Disease of the upper air passages, Pseudotuberculosis due to, 156
——, pulmonary, Paratuberculous, 224
——, Tuberculous toxins as causes of, 216
Disinfecting power of the solar rays upon tubercle bacilli, The, 50
Disinfection of tuberculous sputum, 155
Dispensary control of tuberculosis, 136
——, sanatorium and the tuberculosis officer, 43
Disposition and constitution and tuberculosis, Studies in immune biology, 117
Distaso, A. Tubercle bacilli in the blood of tuberculous patients, 93
Doermer, W. Conglomerate tuberculosis of the heart, 62
Donnelly, J. D., and Gittings, J. C. Statistics of the Pirquet reaction, 59
Donnelly, L. C. Sterilization of the throats of diphtheria carriers with ultraviolet rays, 198
Dosage, Light, 51
Double light therapy, 34
Doumer, E., and Caussader, G. Tuberculous edematous infiltration of the lung, 158
Doyle, J. B., and Lemon, W. S. Clinical observations on Hodgkin's disease, 227
Driessen, L. F. Genital tuberculosis, 29

Drolet, G. J. New York City Deaths from tuberculosis since 1898, 133
Drooping shoulder sign, The, 58
Drouin, H. Cerium salts in the treatment of chronic tuberculosis, 101
Dumarest, F., and Delong, J. Recovery of respiratory capacity after artificial pneumothorax, 196
——, ——., —— Pavodi, F. Pathology of the pleural endothelium, 181
Duncan, E. A. Smoking in pulmonary tuberculosis, 153
Dunham fan in roentgenograms, The, 24
Dunham, H. K. X-ray examination of the chest, 187
Dunn, C. H., and Cohen, S. A. Diagnosis and prognosis of tuberculosis in infancy, 87
Dünner, L., and Horovitz, A. Inhibition of the tuberculin reaction by serums, transudates and exudates, 205
Durgin, D. D. Tuberculosis problems in state hospital practice, 41
Durupt. A new method of staining the tubercle bacillus, 93
Dust problem, factory, Control of the, 17
—— ——, Industrial tuberculosis and the factory, 47
Dustiness, air, Control of, 16
Dworetzky, J. Laryngopulmonary tuberculosis, 125
Dyspepsia from Pott's disease, 110

Eagleton, A. J. Standardization of tuberculin, 72
Ear, middle, Tuberculosis of the, 157
——, Tuberculosis of the, 26
Early case of tuberculosis, Value of finding the, 183
Early diagnosis, Albumin in sputum aid in, 154
—— —— of pulmonary tuberculosis, 184
—— —— —— tuberculosis of the tracheobronchial glands in children, 91
—— ——, Quasi-continuous temperature records in, 91
—— ——, Symptoms vs. physical diagnosis in, 56
—— ——, Value of auscultation in, 184
Early diagnostic sign in basilar meningitis, An, 60
Early pulmonary tuberculosis, The heart in, 195
—— —— ——, Treatment of, 37
—— sign of tuberculous lesion, Tenderness in muscles as, beneath, 25
—— tuberculosis, diagnosis of, Provoked inequality of the pupil in the, 219
—— tuberculous joints, Differential diagnosis of, 21, 191
East, Public Health Service forced to transfer tuberculosis patients to the, 4
Eastman, D. K. Combination tuberculin tests in cattle, 149
Edel, K. Immunity to tuberculosis, 16
Edematous infiltration, Tuberculous, of the lung, 158
Education in tuberculosis, Medical, 174
Educational training in tuberculosis, 42
Effler, E. Petruschky's prophylaxis, 241
Effusion, Pleural, on the healthy side in artificial pneumothorax, 93
——, pleurisy with, Tuberculin in the treatment of, 206
Effusions, pleural, in therapeutic pneumothorax, Management of, 121
Egg yolk, Culture of tubercle bacilli on, 144
Ehrlich's side chain theory, Friedmann's remedy in the light of, 234
Eighteenth century, Statistics on infant and tuberculosis mortality during the: the first census in Vienna, 43
Eiken, H. Action of small doses of X-rays, 233
Eldridge, N., and Raphael, T. Creatinin in pulmonary tuberculosis, 116
Eliasberg and Schiff. Diagnostic value of intracutaneous injection of patient's own urine, 60
Eliasberg, H., and Neuland, W. Epituberculous infiltration of the lungs in tuberculous infants and children, 146
Ely, L. W. Operation for tuberculosis of the wrist, 32
Emetine, Camphor and, in the treatment of hemoptysis, 79
Empyema complicating pulmonary tuberculosis, pathology and treatment of, The, 192
Endothelial leucocytosis, experimental, Tuberculosis and, 100

Endothelium in experimental miliary tuberculosis, The, 52
——, pleural, Pathology of the, 181
Engel, S. Paratuberculous pulmonary disease, 224
Enlargement of the bronchial lymph nodes, Nontuberculous, 126
Enlightening the public, 1
Environmental conditions, abnormal, The course of phthisis under present, 176
Eosin sensitized mice, The action of ultraviolet light on, 198
Epidemiology of tuberculosis, 130
Epilepsy, Tuberculin in, 124
Epituberculous infiltration of the lungs in tuberculous infants and children, 146
Eradication campaign, Coöperative, and the practitioner, 15
—— of bovine tuberculosis, 15
——, Tuberculosis, among cattle in Pennsylvania, 98
Ernest, L. B. No compromise with bovine tuberculosis, 168
Ernst, N., and Reyn, A. Results of treatment of lupus vulgaris and surgical tuberculosis with artificial chemical light baths, 197
Erythema nodosum and tuberculosis, 64
Erythrocyte volume in tuberculosis, The, 182
Etiologic factors in pulmonary tuberculosis, 8
Evans, D. W. Campaign against tuberculosis in Wales, 3
Examination, Chemical, of the cerebrospinal fluid in the diagnosis of tuberculous meningitis, 61
—— for tubercle bacilli in the sputum, The new concentration methods for, 155
——, X-ray, Diagnostic value of, 68
——, ——, of the chest, 22, 187
Excretion of tubercle bacilli in bile, 98
Experimental contribution on the relationship between phlyctenulae and tuberculosis, 176
—— endothelial leucocytosis, Tuberculosis and, 100
—— immunity effects of Friedmann's vaccine, 234
—— miliary tuberculosis, The endothelium in, 52
Experimental research on primary tuberculosis of the female genital organs, 30
—— tuberculosis, Mercury compounds in the chemotherapy of, 33
—— ——, Mustard gas and, 73
—— tuberculous infections, Leucocytic response in, 73
External stigmata, Presumption of tuberculosis from, 58
Extracts, Alcohol, of the tubercle bacillus as antigens, 143
——, organ, Influence of, on tubercle bacilli, 207
Extrapleural thoracotomy, 203
Exudates, serums, transudates and, Inhibition of the tuberculin reaction by, 205
——, Sochanski's method of differentiating, from transudates, 186
Exudative pleurisy, Therapeutic pneumothorax in, 37

Factors in the control of tuberculosis, Fundamental, 152
—— —— —— increased incidence of pulmonary tuberculosis, Housing conditions vs. food as, 215
Factory dust problem, Control of the, 17
—— —— ——, Industrial tuberculosis and the, 47
Fan, The Dunham, in roentgenograms, 24
Fargin-Fayolle, P. Dental caries and tuberculosis, 94
Fat fungus, Tubercle bacillus as, 19
Fatigue as a test of the tuberculous, 140
Fats, Effect of, on acid-fast bacteria, 208
Feeblemindedness and tuberculosis, 64
Feldman, G. Bilateral artificial pneumothorax, 37
Female genital organs, Experimental research on primary tuberculosis of the, 30
Fever in tuberculosis, 188
——, slight, in the tuberculous, Significance of, 59
Field, C. E. Radium treatment of tuberculous adenitis, 35
Fight against tuberculosis in large communities, 40
Film for tuberculosis propaganda, 41
Finding the early case of tuberculosis, Value of, 183

Finkelstein, H., and Philips, H. B. X-rays in the treatment of tuberculous arthritis and osteomyelitis, 233
First sanatorium, The, 175
Fishberg, M. Diagnostic artificial pneumothorax, 60
——, ——. Pulmonary sequellae of influenza, 72
Fistula, anorectal, Nontuberculous, resembling the tuberculous variety, 226
Fixation, Complement, 22
——, ——, for tuberculosis in children, 90
——, ——, in bovine tuberculosis, 98
——, ——, —— surgical tuberculosis, 154
——, ——, reaction in tuberculosis, 154
Flack, R. E., and von Ruck, K. Vaccination against tuberculosis, 165
Fleck, J. X-ray treatment of tuberculous laryngitis, 102
Flick, L. F. Pregnancy in tuberculosis, 12
Flipo and Papillon. Dextrocardia due to right-sided pleuropulmonary lesion, 95
Fluid, cerebrospinal, Chemical examination of, in the diagnosis of tuberculous meningitis, 61
—— collections in therapeutic pneumothorax, Multiple, 37
Foa, P. Suggestions for tuberculosis prophylaxis in Italy, 238
Fontecilla, O. The struggle against tuberculosis in Chile, 240
Food, Housing conditions *vs.*, as factors in the increased incidence of pulmonary tuberculosis, 215
Foot, N. C. The endothelium in experimental miliary tuberculosis, 52
Forster, A. M., Webb, G. B., and Gilbert, G. B. Postural rest for pulmonary tuberculosis, 36
Foster, N. B. Tuberculosis of spine simulating pyelitis, 28
Fowler, H. A. Renal tuberculosis and impacted pelvic calculus, 158
Fox, I. Lymphadenoma and tuberculosis, 161
Framingham Community Health and Tuberculosis Demonstration, 151
—— demonstration and industrial medicine, 236
—— experiment, The, 174
France, tuberculosis in, struggle against in, The, 237
Fränkel, A., and Graff, S. A prognostic classification of pulmonary tuberculous lesions, 209
Franz, C. Antituberculosis work in the Czecho-Slovak army, 240
Franz, K. Clinical diagnosis of adult tuberculosis in Czecho-Slovakia, 218
Freilich, E. B., Hruby, A. J., and Mendelsohn, J. J. Blood transfusion in pulmonary tuberculosis, 106
Freundlich, H. Differential diagnosis of caseous pneumonia and proliferative phthisis, 185
Frey, J. J. Tuberculin test of cattle and tuberculosis control, 149
Fried, B., and Moser, M. Complement fixation in surgical tuberculosis, 154
——, ——., —— Urbain, A. Specificity of the Besredka antigen, 143
Friedland, F. The new concentration methods for examination for tubercle bacilli in the sputum, 155
Friedmann treatment, The, 104
—— vaccine, Surgical tuberculosis treated by the, 205
—— ——, The, 233
Friedmann's remedy, Correct and incorrect application of, 234
—— ——, Experiences with, 234
—— —— in the light of Ehrlich's side chain theory, 234
—— treatment of tuberculosis, 233
—— vaccine, Antigenic action of, 241
——, ——, Cold-blooded tubercle bacilli and, 204
—— ——, Experimental immunity effects of, 234
—— —— in pulmonary tuberculosis, 234
—— ——, The specificity of, 204
—— ——, Treatment of lupus vulgaris with, 205
Frisch, A., and Kollert, V. Blood lipases in tuberculosis, 221
Frischbier, G. Lung wounds and pulmonary tuberculosis, 49
Fuentes, S., Dávila, and Rensoli, F. Vaccine treatment of tuberculosis, 74
Fundamental factors in the control of tuberculosis, 152

Fungus, fat, Tubercle bacillus as, 19
Fürstenau, R. Dosable light therapy, 34
Fürstenau's actinometer, Light therapeutic studies with, 34
Fürth. Antigenic property of low virulent tubercle bacilli, turtle and other acid-fast bacilli, 155
Future of the sanatorium, The, 175

Gähwyler, M. Nontuberculous enlargement of the bronchial lymph nodes, 126
Gammons, H. F. Nontuberculous complications of pulmonary tuberculosis, 26
Garin, G. Hemorrhagic purpura and tuberculosis, 30
Gas, Mustard, and experimental tuberculosis, 73
—— poisoning, Chronic, and pulmonary tuberculosis, 11
Gassing vs. tuberculosis, 139
Gassul, R. The action of ultraviolet light on the inner organs of eosin sensitized mice, 198
Gastric tuberculosis, Case of, 189
—— ulcer in the tuberculous, 110
Gauss, H., Rensch, O. B., and Corper, H. J. Tuberculosis and experimental endothelial leucocytosis, 100
Gauvain, H. Educational training in tuberculosis, 42
——, ——. Heliotherapy in surgical tuberculosis, 230
——, ——. Nonoperative treatment of surgical tuberculosis, 168
Geisenhofer, L., and Kammerer, H. The erythrocyte volume in tuberculosis, 182
General hospitals and tuberculosis patients, 137
Genesis of tubal tuberculosis, 112
Genital organs, female, Experimental research on primary tuberculosis of the, 30
—— tuberculosis, 29
—— —— in the male, 29
—— ——, X-ray treatment of peritoneal and, 123
Genitourinary tract, Involvement of, in active pulmonary tuberculosis, 112
Genoese, G. The alizarin test in infantile tuberculosis, 222
Gerdeck, E. Friedmann's treatment of tuberculosis, 233
German sanatoria, Heliotherapy in, 123
German Society for Internal Medicine, Congress of, 130
Germany, Tuberculosis in, 81
Giant cell formation, 67
—— ——, The origin of the multinucleated, 217
Gibson, C. B., and Carroll, W. E. Autourine test for active tuberculosis, 107
Giese, C. Influence of organ extracts on tubercle bacilli, 207
Gilbert, G. B., and Webb, G. B. Bronchiectasis and accessory sinus disease, 130
——, ——. ——., Webb, G. B., and Forster, A. M. Postural rest for pulmonary tuberculosis, 36
Gilbert, O. M. Symptoms vs. physical signs in early diagnosis, 56
Gingold, D. An early diagnostic sign in basilar meningitis, 60
Gittings, J. C., and Donnelly, J. D. Statistics of the Pirquet reaction, 59
Given, D. H. C. Statistics on the prevention of pulmonary tuberculosis, 66
Glaessner, K. Lymph node reactions to tuberculin, 220
Glands, lachrymal, Tuberculosis of the, 61
——, tracheobronchial, Early diagnosis of tuberculosis of the, in children, 91
Glandular and pulmonary tuberculosis, 69
—— tuberculosis in children, Radiologic diagnosis of pulmonary and, 90
Glover, E. G. Tuberculosis in Germany, 81
Gloyne, S. R. Pathology of the mediastinal lymph nodes in tuberculosis, 139
Goats, milk, Tuberculosis in, 97
——, Tuberculosis of, 97
Goeckerman, W. H. Is lupus erythematosus due to tuberculosis, 129
Gold preparation, krysolgan, Ocular tuberculosis treated with a, 208
Golden, G. E. Tuberculosis in milk goats, 97
Görres. Surgical treatment of tuberculosis, 202
Grafe, E. Metabolism in grave, afebrile tuberculosis, 53
Graff, S., and Fränkel, A. A prognostic classification of pulmonary tuberculous lesions, 209
Grancher Institute, The, 147

Grancher, œuvre, The, 237
Granjux. The œuvre Grancher, 237
Grant, A. G. M. The blood pressure in pulmonary tuberculosis, 142
Grass, H. Oxygen or carbon dioxide for initial artificial pneumothorax, 229
Grave, afebrile tuberculosis, Metabolism in, 53
—— cases of pulmonary tuberculosis, The treatment of, with partial antigens, 38
Graves' disease and tuberculosis, Relationship between, 161
Gray, E. A. Spontaneous pneumothorax, 94
——, ——. ——. What the nurse should know about tuberculosis, 106
Gray, H., and Root, H. F. Weight prediction, 140
Great Britain, Control and treatment of tuberculosis in, 172
Greece, Antituberculosis work in, 239
Greeley, H. Chronic nontuberculous lung disease, 129
Greenberg, D. Chronic tuberculous hilum pneumonia in children, 90
Greenberg, J. P. Tuberculous salpingitis, 70
Greenburg, L., and Winslow, C.-E. A. Control of the factory dust problem, 17
——, ——., —— ——, ——. ——. Industrial tuberculosis and the factory dust problem, 47
Gregoire, G. The struggle against tuberculosis in Belgium, 239
Grenet, H., and Drouin, H. Cerium salts in the treatment of chronic tuberculosis, 101
Growth of tubercle bacilli, Effect of amino acids on the, 20
Gruber, G. B. Pulmonary tuberculosis in the Senegalese, 45
Guillery. Experimental contribution on the relationship between phlycenulae and tuberculosis, 176
Guillon, A. The struggle against tuberculosis in France, 237
Guinea pigs, tuberculosis in, treatment of, Artificial sunlight, 231
Gunewardene, T. H. Tuberculosis of the heart, 95
Gunsett, A. Combined X-ray and artificial light treatment of local and pulmonary tuberculosis, 231
Güterbock, R. The course of phthisis under present abnormal environmental conditions, 176
Guthrie, D. Tuberculosis of the ear, 26
Guthrie, J. B. Classification of râles, 219

Habitus and the skin, Presumptive evidence furnished by the, 92
Haecker, R. Surgical treatment of tuberculosis, 200
Hale, H. E. Hernia of the pleura complicating pneumothorax, 27
Hamer, A. G. Surgical treatment of renal tuberculosis, 159
Hammer, K. Striae distensae in consumptives, 142
Hamoir and Liénaux. The origin of the multinucleated giant cell, 217
Harbitz, F. Curability of tuberculous meningitis, 80
Hardoy, P. J., and Alfaro, G. A. Organization of tuberculosis prophylaxis in Argentina, 240
Harms. Pulmonary tuberculosis in childhood, 10
Hartman, Bergeret, and Remilly. Tuberculosis of the adnexa, 29
Hase. Artificial sunlight treatment of tuberculosis in guinea pigs, 231
Haverhill Tuberculosis Association, 138
Hawes, John B., 2nd. Gassing vs. tuberculosis, 139
v. Hayek, H. Chemotherapy of tuberculosis with collargol and colloidal copper, 235
——, ——. Studies in immune biology, disposition and constitution and tuberculosis, 117
Hayes, E. W. Laryngeal tuberculosis, 157
Healed case of tuberculosis of the peritoneum, 95
Healing, delayed, Tuberculous infection and, 163
Health letters, 41
—— resorts, Alpine, for tuberculous patients, 229
—— survey, Cleveland, 44
Healthy side in artificial pneumothorax, Pleural effusion on the, 93
Heart and tuberculosis, The, 126
—— —— vascular diseases, Ultraviolet light treatment of, 198

Heart, Conglomerate tuberculosis of the, 62
—— in early pulmonary tuberculosis, The, 195
——, Tuberculosis of the, 95
——, Tumor-like tuberculosis of the, 62
Heggeney. Experiences with Friedmann's remedy, 234
Heise, F. H. Influenza and tuberculosis, 162
——, ——. ——. Prognosis of pulmonary tuberculosis, 150
Heitmann, N. Scientific methods for obtaining tuberculosis morbidity and mortality statistics, 211
——, ——. Tuberculosis prophylactic work in Norway, 239
Heitzmann, O. The presence of red blood corpuscles in the miliary tubercles of the spleen, 52
Heliotherapy and phototherapy, Contribution to the scientific study of, 50
—— in German sanatoria, 123
—— —— laryngeal tuberculosis, 194
—— —— surgical tuberculosis, 35, 230
—— —— the Alps, 102
—— of lupus, 231
—— —— surgical tuberculosis and necessity of community sanatoria for such patients, 230
——, Surgery of tuberculous joints contrasted with, 230
Hemarthrosis, Tuberculous, of the knee, 69
Heminephrectomy of a horseshoe kidney for tuberculosis, 64
Hemoptysis caused by a calculus, Repeated, 94
——, Treatment of, 79
——, —— ——, Artificial pneumothorax in, 167
——, —— ——, Camphor and emetine in the, 79
Hemorrhages into the liver in pulmonary tuberculosis, 52
——, Tuberculous, 189
Hemorrhagic purpura and tuberculosis, 30
Herd plan, Accredited, and the practitioner, 169
Herds, Tuberculosis-free accredited, 15
Hereditary syphilis, Tuberculous meningitis and, 227
Heredity in tuberculosis, 47
Hernia of the pleura complicating pneumothorax, 27
Hesse, E. Light in the treatment of syphilis, 198
Hesse, P. Pütter's system of caring for those with pulmonary tuberculosis, 229
Hilum, Apex, and lower lobe lesions of tuberculosis in childhood, 89
—— pneumonia in children, Chronic tuberculous, 90
Hip disease, Tuberculous, and its simulants, 127
—— joint, Tuberculous disease of, 96
Hirsch, G. Tuberculous toxins as causes of disease, 216
Hirschmann, E. Influence of aureol lamp rays on immunity, 232
History of tuberculosis, 151
Hoagland, H. W. Sanatorium care of tuberculous soldiers, 152
Hodgkin's disease, Clinical observations on, 227
Holland, tuberculosis in, Struggle against, The, 239
Hollander, L., and Narr, F. C. Syphilis and tuberculosis, 162
Holt, R. C. Tuberculinization of babies, 75
Holten, C. Tuberculous meningitis in adult consumptives, 111
Honoré, C. Pleurisy due to cold, 27
Horovitz, A., and Dünner, L. Inhibition of the tuberculin reaction by serums, transudates and exudates, 205
Horses, Tuberculosis of, 150
Horseshoe kidney, Heminephrectomy of a, for tuberculosis, 64
Hospital practice, state, Tuberculosis problems in, 41
—— school for surgical tuberculosis in children, 76
Hospitals, General, and tuberculosis patients, 137
Housing conditions vs. food as factors in the increased incidence of pulmonary tuberculosis, 215
Hruby, A. J. X-ray in diagnosis, 92
——, ——. ——., Mendelsohn, J. J., and Freilich, E. B. Blood transfusion in pulmonary tuberculosis, 106
Hruska, C., and Pfenninger, W. Complement fixation in bovine tuberculosis, 98

Hudson, B. Alpine health resorts for tuberculosis patients, 229
Huldschinsky, K. Ultraviolet ray treatment of rickets, 232
Human tuberculosis, Bovine and, 169
Humbert, F. Fight against tuberculosis in large communities, 40
Humoral antibodies in tuberculosis, 182
Hussey, R. G. Leucocytic response in experimental tuberculous infections, 73
Hutchinson, R. C. Tuberculosis in a parish, 134
Hutinel, V., and Merklen, P. Tuberculous meningitis and hereditary syphilis, 227
Hyperemia, venous, The treatment of surgical tuberculosis in children by, 148
Hypersensitiveness, Tuberculin, 117
Hyperthyroidism, Blood sugar and basal metabolism findings in chronic pulmonary tuberculosis and, 186
Hypertrophic osteoarthropathy, Secondary pulmonary, 63

Ichok, G. Pulmonary tuberculosis in the aged, 144
——, ——. Tuberculosis antibodies in the aged, 53
Illumination, dark field, The detection of tubercle bacilli by, 186
Imhof, O. Auto-urine and autoserum biologic test for tuberculosis, 26
Immune biology, disposition and constitution and tuberculosis, Studies on, 117
—— bodies, Spengler's, 31
—— reactions with artificial pneumothorax, 108
——, Tuberculosis, milk, 224
Immunity effects of Friedmann's vaccine, Experimental, 234
—— in tuberculosis, Rôle of, 118
——, Influence of aureol lamp rays on, 232
—— to tuberculosis, 16
Immunization by nonvirulent and nontoxic living tubercle bacilli, 39
Immunizing vaccine, Tuberculosis, 119
Impacted pelvic calculus, Renal tuberculosis and, 158
Induced pneumothorax, 116
Industrial accidents, Tuberculosis after, 153
—— medicine, Framingham demonstration and, 236
Industrial tuberculos is and the factory dust problem, 47
Infancy, pretuberculous state in, Study and treatment of the, 145
——, pulmonary tubercle of, The, 177
——, tuberculosis in, Diagnosis and prognosis of, 87
Infant and tuberculosis mortality during the eighteenth century, Statistics on: the first census in Vienna, 43
——, Complete pneumothorax in an, 146
——, spontaneous pneumothorax in an, Case of, 224
——, tuberculosis in an, An unsual case of, 178
Infantile tuberculosis, The alizarin test in, 222
Infants and children, Roentgen ray and tuberculosis in, 108
—— —— ——, tuberculous, Epituberculous infiltration of the lungs in, 146
—— —— young children, Tuberculosis in, 88
——, Contagiousness of pulmonary tuberculosis in, 215
—— of tuberculous mothers, 10
——, Open pulmonary tuberculosis in, 178
——, Preservation of, 237
Infection, bacillary, Diagnostic methods of, 222
—— in tuberculosis, 107
——, mixed, Chronic tonsillitis as a source of, in pulmonary tuberculosis, 183
——, ——, in surgical tuberculosis, 71
——, Tuberculous, and delayed healing, 163
——, ——, in advanced childhood, Danger of, 215
——, ——, of a child, 215
Infectivity of tuberculosis, 48
Infiltration, Epituberculous, of the lungs in tuberculous infants and children, 146
——, Tuberculous edematous, of the lung, 158
Influenza and pulmonary tuberculosis, 216
—— —— tuberculosis, 12, 162
——, Pulmonary sequellae of, 72
Inguinal lymph node involvement in intraäbdominal tuberculosis, 189
Inhibition of the tuberculin reaction by serums, transudates and exudates, 205
Injection of patient's own urine, intracutaneous, Diagnostic value of, 60

Inner organs of eosin sensitized mice, The action of ultraviolet light on, 198
Inspection, Value of, in diagnosis of tuberculosis, 21
Institutional treatment in surgical tuberculosis, 164
Institutions for sun treatment, 103
——, tuberculosis, Statistics of, 7
Insufficiency, Apical respiratory, and the diagnosis of pulmonary tuberculosis in adults, 57
Insurance, life, selection, Tuberculous disease in, 134
Internal secretion, The skin as an organ of, 191
—— use of iodine, The, 32
Intestinal tuberculosis, X-ray treatment of pulmonary and, 123
Intraäbdominal tuberculosis, Inguinal lymph node involvement in, 189
Intracutaneous injection of patient's own urine, Diagnostic value of, 60
—— tuberculin injection as revealed by the capillary microscope, The, 142
—— —— test in cattle, 149
—— —— treatment, 39
Intrapleural pressure in artificial pneumothorax, Importance of exact measurement of, 195
Intrathoracic movements, 141
Inunction, tuberculin, Diagnostic, 188
Iodine, The internal use of, 32
——, Treatment of lupus with, exposed to X-rays, 233
Isolation of tubercle bacilli from sputum by Petroff's method, 224
Italy, tuberculosis prophylaxis in, Suggestions for, 238

Jacob, L., and Blechschmidt, M. Treatment of tuberculosis with partial antigens (Deycke-Much), 206
Jacobaeus, H. C. Cauterization of adhesions in pneumothorax, 121
——, ——. ——. Severing adhesions impeding therapeutic pneumothorax, 167
Jacobs, P. P. Controlling tuberculosis, 41
Jacquelin, C., and Ramond, F. Dyspepsia from Pott's disease, 110
Jager, R., Kolmer, J. A., and Davis, L. C. The influence of chaulmoogra oil on the tubercle bacillus, 74
Japan, tuberculosis in, struggle against, The, 241
Jaquerod, M. Repeated hemoptysis caused by a calculus, 94
Jensen, C. Mortality from tuberculosis in Denmark, 82
Jentsch, Healed case of tuberculosis of the peritoneum, 95
Jerusalem, M. Mixed infection in surgical tuberculosis, 71
Jesionek, H. Heliotherapy of lupus, 231
——, ——. Light, skin and tuberculosis, 124
Jessen, F. The operative treatment of pulmonary tuberculosis, 120
Joint, bone and, tubercle, Stigmata of predisposition to, 85
—— disease, Tuberculous bone and, 96
——, hip, Tuberculous disease of, 96
——, knee, Tuberculosis of, 128
—— tuberculosis, bone and, Light treatment of, 230
Joints, early tuberculous, Differential diagnosis of, 21, 191
——, tuberculosis of the bones and, Treatment of, 105
——, —— —— ——, Unusual forms of, 191
——, tuberculous, Surgery of, contrasted with heliotherapy, 230
de Jong, S. I., and Bezancon, F. Tuberculous hemorrhages, 139
Jousset, A. The avian tubercle bacillus, 223
Jungano, M. Primary tuberculosis of the bladder, 29

Kafka, V. Genesis of tubal tuberculosis, 112
Kammerer, D. The prognostic significance of the cutaneous reaction to old tuberculin and to partial antigens in tuberculosis, 209
Kammerer, H., and Geisenhofer, L. The erythrocyte volume in tuberculosis, 182
Karger, P. The results of X-ray treatment in children, 148
Kasemayer, C. Treatment of tuberculous peritonitis, 231
Keining, E. The detection of tubercle bacilli by dark field illumination, 186
Kersten, H. E. Tuberculosis in the South Sea colonies, 214
Kharina-Marinucci, R. Agglutination reaction in tuberculous infection of children, 222

Kidney, Chronic tuberculosis of the, 70
——, horseshoe, Heminephrectomy of a, for tuberculosis, 64
——, Tuberculosis of the, in women, 70
——, —— —— ——, Treatment of, 105
——, tuberculous, Rationale of diagnostic catheterization in, 190
Kiefer, O. Influenza and pulmonary tuberculosis, 216
Kipris, B. Tuberculous lymphangitis, 70
Kisch, O. Light treatment of bone and joint tuberculosis, 230
Klare. Pulmonary tuberculosis in childhood, 10
——. The urochromogen reaction in surgical tuberculosis, 92
Klein, L. A. Pioneer work in tuberculosis control, 16
Kleinberg, S. Secondary pulmonary hypertrophic osteoarthropathy, 63
Klemperer, F. Recent methods of treating pulmonary tuberculosis, 228
Klotz. Open pulmonary tuberculosis in infants, 178
Knee joint, Tuberculosis of, 128
Knights of Columbus in tuberculosis campaign, 106
Knobel, W. B. Classification of tuberculosis, 40
Knopf, S. A. The soul of the consumptive, 1
Kohn, H. Congress of the German Society for Internal Medicine, 130
Kolb, E. P. Climate in tuberculosis, 104
Kollert, V., and Frisch, A. Blood lipases in tuberculosis, 221
Kolmer, J. A., Davis, L. C., and Jager, R. The influence of chaulmoogra oil on the tubercle bacillus, 74
König, F. Surgical treatment of tuberculosis, 199
Korteweg, R. Trauma and tuberculosis, 106
Krämer, C. Allergy or anergy, 31
Krause, A. K. Course of the tubercle bacillus from sputum to child, 89
Krumm, F. Surgical tuberculosis treated by the Friedmann vaccine, 205
Krysolgan, a gold preparation, Ocular tuberculosis treated with, 208
—— chemotherapy, 234
Kühn, A. Silica in pulmonary tuberculosis, 79
Kümmell, C. X-ray treatment of laryngeal tuberculosis, 122
Kurlander, J. J. Tuberculosis of knee joint, 128
Küss, G. Importance of exact measurement of intrapleural pressure in artificial pneumothorax, 195
Kutschera-Aichbergen, A. Tuberculosis among Catholic nursing sisters, 214
Kuznitsky, E., and Chotzen, T. Exposure of the cornea to ultraviolet light, 198
Kwiatkovski. The struggle against tuberculosis in Poland, 240

Labesse, P., and Courcoux, A. Tuberculosis in old age, 179
Laboratory and clinical methods in tuberculosis, Relative value of, 218
—— diagnosis of renal tuberculosis, The, 190
Lachrymal glands, Tuberculosis of the, 61
Ladd, W. E. Abdominal tuberculosis in children, 179
Lade, O. The intracutaneous tuberculin injection as revealed by the capillary microscope, 142
Ladebeck, H. The quartz laryngeal mirror, 34
Lamp, aureol, rays, Influence of, on immunity, 232
Landsman, A. A. Nontuberculous anorectal fistula resembling the tuberculous variety, 226
Lange, L. The Friedmann vaccine, 233
Langendörfer, J. W. The fate of children of tuberculous parents during the war, 215
Lanz, O. Surgical tuberculosis, 28
Lanzilotta, R. The use of ultraviolet rays in the preparation of vaccines, 122
Large communities, Fight against tuberculosis in, 40
—— U. S. cities, Pulmonary tuberculosis mortality of, 134
Larsen, R. B., and Secher, K. Sochanski's method of differentiating exudates from transudates, 186
Laryngeal mirror, quartz, The, 34
—— tuberculosis, 156
——, ——, Heliotherapy in, 194

Laryngeal tuberculosis, Nerve block in, 126
—— ——, pulmonary and, Light treatment of, 229
—— ——, Treatment of, 231
—— ——, —— ——, with the arc light, 123
—— ——, X-ray treatment of, 122
Laryngitis, tuberculous, X-ray treatment of, 102
Laryngopulmonary tuberculosis, 125
Larynx, Radiating the, with ultraviolet rays, 34
Latent pulmonary tuberculosis in its disguises, 55
—— tuberculosis, 180
Leegaard, F. Tuberculosis of the middle ear, 157
Lefthandedness, Squint, and tuberculosis, 67
Leichtweiss. Therapeutic value of the Ponndorf tuberculin treatment in pulmonary tuberculosis, 205
Lemoine, G. H. Tenderness over tuberculous apex, 57
Lemon, W. S., and Doyle, J. B. Clinical observations on Hodgkin's disease, 227
Lenoble, M. E. Tuberculous myocarditis, 27
Lenormant. Treatment of tuberculosis of the bones and joints, 105
Leprosy and tuberculosis, Chaulmoogra oil in, 168
Lesions, pulmonary tuberculous, A prognostic classification of, 209
——, surgical tuberculous, Pulmonary tuberculosis in cases of, 225
Letters, Health, 41
Letulle, M. Tuberculosis and cancer of the lung, 62
Leucocytes, Action of light on the, 51
—— during the treatment of tuberculosis with the Deycke-Much partial antigens, The, 206
Leucocytic response in experimental tuberculous infections, 73
Leucocytosis, Tuberculosis and experimental endothelial, 100
Levin, I. Action of radium and roentgen rays on normal and diseased lymphoid tissue, 199
Levinson, A. Tuberculosis in children, 108
Libby, G. F. Tuberculous meningitis, 30
Liebe, G. Heliotherapy in German sanatoria, 123
Liebman, E. Morphology of the sputum in pulmonary tuberculosis, 20
Liénaux and Hamoir. The origin of the multinucleated giant cell, 217
Life insurance selection, Tuberculous disease in, 134
Light, Action of, on the leucocytes, 51
—— and climatic treatment of tuberculosis, 124
——, arc, Treatment of laryngeal tuberculosis with the, 123
——, artificial, X-ray and, Combined, treatment of local and pulmonary tuberculosis, 231
—— baths, artificial chemical, Results of treatment of lupus vulgaris and surgical tuberculosis with, 197
—— —— in ophthalmology, Universal, 122
—— dosage, 51
—— in the treatment of syphilis, 198
——, quartz, Scarlatinal rash after the use of, 51
—— rays, Action of the visible, on the body temperature, 103
——, skin and tuberculosis, 124
—— therapeutic studies with Fürstenau's actinometer, 34
—— therapy, Double, 34
—— treatment, artificial, Combined X-ray and, of local and pulmonary tuberculosis, 231
—— ——, formula for, A, 194
—— —— of bone and joint tuberculosis, 230
—— —— —— pulmonary and laryngeal tuberculosis, 229
—— —— —— tuberculosis, 229
—— —— —— ——, Theory and practice of, 230
—— —— —— venereal diseases, The, 197
——, ultraviolet, Exposure of the cornea to, 198
——, ——, The action of, on the inner organs of eosin sensitized mice, 198
——, ——, treatment of heart and vascular diseases, 198
Limousin, H. Isolation of tubercle bacilli from sputum by Petroff's method, 224
Lindenberg, A., and Pestana, B. R. Chemotherapy with acid-resisting bacteria, 78
——, ——., —— ——, ——. ——. Effect of fats on acid-fast bacteria, 208

Lindner, P. Tubercle bacillus as fat fungus, 19
Lip, Tuberculosis of the, 44
Lipases, Blood, in tuberculosis, 221
Litzner. Early diagnosis of pulmonary tuberculosis, 184
Liver, Hemorrhages into the, in pulmonary tuberculosis, 52
Living tubercle bacilli, nonvirulent and nontoxic, Immunization by, 39
Lobe, Lower, tuberculosis, 138
Local and pulmonary tuberculosis, Combined X-ray and artificial light treatment of, 231
Localized pleural irritation and syncopal accidents, 109
Loebenstein, F. Antigenic action of Friedmann's vaccine, 241
Loevenhjelm. The struggle against tuberculosis in Sweden, 240
Lovett, R. W., and Wolbach, S. B. Roentgenography of obscure bone lesions, 61
Low tuberculosis death rate for November, 1920, 7
—— virulent tubercle bacilli, turtle and other acid-fast bacilli, Antigenic property of, 155
Lower lobe lesions of tuberculosis, Apex, hilum and, in childhood, 89
—— —— tuberculosis, 138
Luithlen, F. The leucocytes during the treatment of tuberculosis with the Deycke-Much partial antigens, 206
Luke, D. Antituberculosis work in New South Wales, 241
Lundsgaard, K. Universal light baths in ophthalmology, 122
Lung changes, Nontuberculous, following pneumonia, 14
—— disease, Chronic nontuberculous, 129
—— mapping with bismuth mixtures, 141
——, The mononuclear phagocytes of the, 19
——, Tuberculosis and cancer of the, 62
——, Tuberculous edematous infiltration of the, 158
—— tumors, Diagnosis of, 227
——, Which, is most frequently involved in pulmonary tuberculosis, 185
—— wounds and pulmonary tuberculosis, 49
Lungs, Epituberculous infiltration of the, in tuberculous infants and children, 146
Lupus erythematosis, Is, due to tuberculosis, 129
——, Heliotherapy of, 231
——, Treatment of, with iodine exposed to X-rays, 233
—— vulgaris and surgical tuberculosis, Results of treatment of, with artificial chemical light baths, 197
—— ——, Treatment of, with Friedmann's vaccine, 205
Lymph node, Inguinal, involvement in intraäbdominal tuberculosis, 189
—— —— reactions to tuberculin, 220
—— —— tuberculosis, Axillary, in pulmonary tuberculosis, 158
—— nodes, bronchial, Nontuberculous enlargement of the, 126
—— ——, mediastinal, Pathology of the, in tuberculosis, 139
—— ——, tuberculous, X-ray treatment of, 74, 199
Lymphadenitis, tuberculous, X-ray treatment of, 78
Lymphadenoma and tuberculosis, 161
Lymphangitis, Tuberculous, 70
Lymphocytes, Albumin, and tubercle bacilli in the sputum, 92
Lymphoid tissue, Action of radium and roentgen rays on normal and diseased, 199
Lynah, H. L. Lung mapping with bismuth mixtures, 141
Lynch, J. M. A case of tuberculous mesenteric nodes, 127

Macewen, J. A. C. Tuberculous hemarthrosis of the knee, 69
Madsen. The antituberculosis campaign in Denmark, 239
Magnus, G. Heminephrectomy of a horseshoe kidney for tuberculosis, 64
Maher, S. J. Cure or preventive of tuberculosis, 132
——, ——. ——. Prevention of tuberculosis in the United States, 172
——, ——. ——. Why tuberculosis schemes fail, 2
v. Malmström. Light treatment of tuberculosis, 229

Man, The bovine bacillus and, 14
Management, Medical, of renal tuberculosis, 159
—— of pleural effusions in therapeutic pneumothorax, 121
Mann, H., and Boas, E. P. The heart and tuberculosis, 126
Mapping, Lung, with bismuth mixtures, 141
Maragliano, E. Vaccine therapy of tuberculosis, 30
Marchisotti, A. C. Excretion of tubercle bacilli in bile, 98
Marcley, W. J. Treatment of early pulmonary tuberculosis, 37
Mark, E. G. Primary tuberculosis of the testicle, 97
Marker, J. I., and Rendleman, W. H. Primary tuberculosis of the thyroid, 61
Marsh, P. L. Atypical tuberculosis with Mikulicz's syndrome, 160
Marshall, C. J. Control of cattle tuberculosis, 116
Martin, T. H. Care of tuberculous cripples, 203
——, ——. ——. Hospital school for surgical tuberculosis in children, 76
Martinotti vaccine for tuberculosis, The, 31
Massini, R. Calcium and tuberculosis in rabbits, 102
Mastoiditis and suboccipital Pott's disease, 96
Masucci, P. Effect of amino acids on the growth of tubercle bacilli, 20
Mau, C. Diagnostic value of tuberculin in surgical tuberculosis, 110
Mayer, A. E. Which lung is most frequently involved in tuberculosis, 185
Mayo, C. H. Tuberculous peritonitis, 110
McBrayer, R. A. Blood sugar and basal metabolism findings in chronic pulmonary tuberculosis and hyperthyroidism, 186
McCann, W. S., and Barr, D. P. Metabolism in tuberculosis, 53
McDougall, J. B. Diagnosis of active pulmonary tuberculosis, 21
McGoldrick, T. A. The care of moderately advanced pulmonary tuberculosis, 37
McJunkin, F. A. Pulmonary botryomycosis, 99
——, ——. ——. Tuberculin hypersensitiveness, 117
McNaught, P. R. Work of an after-care committee, 175
McNutt, S. H., Purwin, P., and Murray, C. Tuberculosis of goats, 97
Measurement of intrapleural pressure in artificial pneumothorax, Importance of exact, 195
Mechanical treatment of tuberculosis, 36
Meckel's diverticulum, Tuberculosis of, 62
Mediastinal lymph nodes, Pathology of, in tuberculosis, 139
Medical education in tuberculosis, 174
—— management of renal tuberculosis, 159
—— profession, Rôle of, in prevention of tuberculosis, 235
Mendelsohn, J. J., Freilich, E. B., and Hruby, A. J. Blood transfusion in pulmonary tuberculosis, 106
Mendelson, R. W. Pulmonary tuberculosis, mycosis and spirochetosis, 160
——, ——. ——. Tropical broncho-pulmonary mycosis, 130
Meningitis, basilar, An early diagnostic sign in, 60
——, Tuberculous, 30, 71
——, ——, and hereditary syphilis, 227
——, ——, Association of, with meningococci and parameningococci, 97
——, ——, Curability of, 80
——, ——, diagnosis of, Chemical examination of the cerebrospinal fluid in the, 61
——, ——, in adult consumptives, 111
——, ——, —— adults, 160
——, ——, —— ——, The symptoms of, 114
Meningococci and parameningococci, Association of tuberculous meningitis with, 97
Menninger, K. A. Feeblemindedness and tuberculosis, 64
Menses, Tuberculin reaction during the, 93
Mercury compounds in the chemotherapy of experimental tuberculosis, 33
Merklen, P., and Hutinel, V. Tuberculous meningitis and hereditary syphilis, 227
Mertz, H. O. Differential diagnosis of renal tuberculosis, 159
Méry, H. Early diagnosis of tuberculosis of the tracheobronchial glands in children, 91
——, ——., Detre, G., and Mezmoulins, A. Radiologic diagnosis of pulmonary and glandular tuberculosis in children, 90

Mesenteric nodes, tuberculous, A case of, 127
Metabolism and diet in tuberculosis, 54
——, basal, Blood sugar and, findings, in chronic pulmonary tuberculosis and hyperthyroidism, 186
—— in grave, afebrile tuberculosis, 53
—— —— tuberculosis, 53
Metalnikow, S. Resistance of the caterpillar to tubercle bacilli, 53
Metcalf, W. B. Tuberculous disease in life insurance selection, 134
Methods for obtaining tuberculosis morbidity and mortality statistics, Scientific, 210
——, The new concentration, for examination for tubercle bacilli in the sputum, 155
Methylene blue excretion in tuberculosis, 183
Metropolitan Life Insurance Company Sanatorium, 85
Meyer, F. Light therapeutic studies with Fürstenau's actinometer, 34
Mezmoulins, A., Méry, H., and Detre, G. Radiologic diagnosis of pulmonary and glandular tuberculosis in children, 90
Mice, eosin sensitized, The action of ultraviolet light on, 198
Microscope, capillary, The intracutaneous tuberculin injection as revealed by the, 142
Middle ear, Tuberculosis of the, 157
Middleton, E. L. Pulmonary silicosis, 62
Mikulicz's syndrome, Atypical tuberculosis with, 160
Miliary tubercles of the spleen, The presence of red blood corpuscles in the, 52
—— tuberculosis, experimental, The endothelium in, 52
Milk goats, Tuberculosis in, 97
——, tubercle bacilli in, Action of prolonged pasteurization on, 72
——, Tuberculosis immune, 224
Miller, E. B. Tuberculous infection and delayed healing, 163
Minton, H. M. Pulmonary syphilis simulating tuberculosis, 115
Mirror, The quartz laryngeal, 34
Misleading beliefs regarding pulmonary tuberculosis, 55
Mittasch, G. Hemorrhages into the liver in pulmonary tuberculosis, 52
Mixed infection, Chronic tonsillitis as a source of, in pulmonary tuberculosis, 183
—— —— in surgical tuberculosis, 71
Moderately advanced pulmonary tuberculosis, The care of, 37
Moeller, A. Cold-blooded tubercle bacilli and Friedmann's vaccine, 204
Molle. Tenderness in muscles as early sign of tuberculous lesion beneath, 25
Mononuclear phagocytes of the lung, The, 19
Moon, V. H. Pathology of renal tuberculosis, 159
Morbidity and mortality statistics, Scientific methods for obtaining tuberculosis, 210
—— from tuberculosis in the United States, Mortality and, 171
Moreau, L. Two cases of surgical thoracic tuberculosis, 121
Morenas and Mouriquand, G. Chemical examination of the cerebrospinal fluid in the diagnosis of tuberculous meningitis, 61
Moris. Organization of tuberculosis prophylaxis in Switzerland, 238
Moro, E. A diagnostic tuberculin, 187
——, ——. Diagnostic tuberculin inunction, 188
Morphology of the sputum in pulmonary tuberculosis, 20
Morquio, L. Tuberculous meningitis, 71
Mortality and morbidity from tuberculosis in the United States, 171
—— from tuberculosis in Denmark, 82
——, infant and tuberculosis, Statistics on, during the eighteenth century: the first census in Vienna, 43
——, Pulmonary tuberculosis, since 1914, 132
—— statistics, morbidity and, Scientific methods for obtaining tuberculosis, 210
——, Tuberculosis, in New York City according to sex, 213
——, ——, —— Vienna before and after the war, 81
Moser, M., and Fried, B. Complement fixation in surgical tuberculosis, 154

Mothers, tuberculous, Infants of, 10
Mouisset. Need of assistance for preventoriums, 237
Mouriquand, G., and Morenas. Chemical examination of the cerebrospinal fluid in the diagnosis of tuberculous meningitis, 61
Movements, Intrathoracic, 141
Much, H. Tuberculosis of children, 89
Mühlmann, E. X-ray treatment of tuberculosis, 199
Multinucleated giant cell, The origin of the, 217
Multiple fluid collections in therapeutic pneumothorax, 37
Munce, T. E. Coöperative tuberculosis campaign, 42
Munich, The war and tuberculosis among the children of, 178
Murray, C., McNutt, S. H., and Purwin, P. Tuberculosis of goats, 97
Murray, F. Mechanical treatment of tuberculosis, 36
Muscles, Tenderness in, as early sign of tuberculous lesion beneath, 25
Mustard gas and experimental tuberculosis, 73
Mycosis, Pulmonary tuberculosis, and spirochetosis, 160
——, Tropical bronchopulmonary, 130
Myocarditis, Tuberculous, 27
Myocardium, Tuberculosis of, 62

Naegeli, T. Results of surgical treatment of pulmonary tuberculosis, 39
Narr, F. C., and Hollander, L. Syphilis and tuberculosis, 162
Nathan, M. The Friedmann treatment, 104
Navarro, J. C., and Alfaro, G. A. Scientific methods for obtaining tuberculosis morbidity and mortality statistics, 211
Nègre, L., and Boquet, A. Alcohol extracts of the tubercle bacillus as antigens, 143
——, ——., —— ——, ——. Tuberculosis in small rodents, 99
——, —., Calmette, A., and Boquet, A. Properties of tubercle bacilli attenuated by bile, 223
Negri, L. Heliotherapy in surgical tuberculosis, 35
Negroes, Tuberculosis among, in New York City, 214
Nerve block in laryngeal tuberculosis, 126
Neuland, E., and Eliasberg, H. Epituberculous infiltration of the lungs in tuberculous infants and children, 146
New concentration methods for examination for tubercle bacilli in the sputum, The, 155
—— method of staining the tubercle bacillus, A, 93
New South Wales, Antituberculosis work in, 241
New York City and State, Deaths and death rates from pulmonary tuberculosis in, 4, 82
—— —— —— deaths from tuberculosis since 1898, 133
—— —— ——, Tuberculosis among negroes in, 214
—— —— ——, Tuberculosis in, 66, 82
—— —— ——, —— mortality in, according to sex, 213
—— —— ——, —— statistics, May-July, 1921, 213
—— —— ——, Vital statistics for the year 1920 in, 7
Newsholme, A. The control of tuberculosis, 174
Nitrous oxide-oxygen anesthesia in tuberculous animals, 86
No compromise with bovine tuberculosis, 168
Noll, F. Radiating the larynx with ultraviolet rays, 34
Nonoperative treatment of surgical tuberculosis, 168
Nontoxic, nonvirulent and, living tubercle bacilli, Immunization by, 39
Nontuberculous anorectal fistula resembling the tuberculous variety, 226
—— cold abscesses, 115
—— complications of pulmonary tuberculosis, 26
—— enlargement of the bronchial lymph nodes, 126
—— lung changes following pneumonia, 14
—— —— disease, Chronic, 129
—— spina ventosa, 28
Nonvirulent and nontoxic living tubercle bacilli, Immunization by, 39

Norway, Tuberculosis prophylactic work in, 239
Nose as a defense against tuberculosis, The, 216
November, 1920, Low tuberculosis death rate for, 7
Nurse, The public health, in the campaign, 138
——, What the, should know about tuberculosis, 106
Nursing orders, Tuberculosis among Catholic, 214
Nurslings, Tuberculosis in, 144

O'Brien, F. W. X-ray diagnosis in phthisis, 23
——, ——. ——., and Ames, F. B. Roentgen ray and tuberculosis in infants and children, 108
Obscure bone lesions, Roentgenography of, 61
Occupations for consumptives, 77
Ocular tuberculosis, Phototherapy of, 196
—— —— treated with a gold preparation, krysolgan, 208
Oehler, J. Differential diagnosis of early tuberculous joints, 21
Oeuvre Grancher, The, 237
Offenbacher, R. The determination of activity according to Wildbolz, 25
Old age, Tuberculosis in, 179.
Open pulmonary tuberculosis in infants, 178
Open-air schools during 1919, 76
Operation for tuberculosis of the wrist, 32
Operative treatment of surgical tuberculosis, The, 120
Ophthalmology, Universal light baths in, 122
Organ extracts, Influence of, on tubercle bacilli, 207
—— of internal secretion, The skin as an, 191
Origin of the multinucleated giant cell, The, 217
Ornstein, G. G., and Petroff, S. A. Humoral antibodies in tuberculosis, 182
Osteoarthropathy, Secondary pulmonary hypertrophic, 63
Osteomyelitis, tuberculous arthritis and, treatment of, X-rays in the, 233
Otis, E. O. Differential diagnosis of tuberculosis, 22
Otis, E. O. Misleading beliefs regarding pulmonary tuberculosis, 55
Ott, A. Treatment of pulmonary tuberculosis, 103
Oxygen or carbon dioxide for initial artificial pneumothorax, 229
Ozena and tuberculosis, 191

Packard, E. N. Nontuberculous lung changes following pneumonia, 14
Paget, O. The diagnosis of tuberculosis, 139
——, ——. The nose as a defense against tuberculosis, 217
Palmer, G. T., and Hoagland, H. W. Sanatorium care of tuberculous soldiers, 152
Papillon and Flipo. Dextrocardia due to right-sided pleuropulmonary lesion, 95
Parameningococci, meningococci and, Association of tuberculous meningitis with, 97
Paratuberculous pulmonary disease, 224
Parents, tuberculous, The fate of children of, during the war, 215
Parish, Tuberculosis in a, 134
Parks, Tuberculous children sleep in, 148
Partial antigens (Deycke-Much), Treatment of tuberculosis with, 206
—— ——, the Deycke-Much, The leucocytes during the treatment of tuberculosis with, 206
—— ——, —— prognostic significance of the cutaneous reaction to old tuberculin and to, in tuberculosis, 209
—— —— ——, treatment of grave cases of pulmonary tuberculosis with, 38
—— ——, Treatment of pulmonary tuberculosis with, 103
Passow, A. Phototherapy of ocular tuberculosis, 196
Pasteurization, Action of prolonged, on tubercle bacilli in milk, 72
Pathology and treatment of empyema complicating pulmonary tuberculosis, The, 192
—— of renal tuberculosis, 159
—— —— the mediastinal lymph nodes in tuberculosis, 139
—— —— —— pleural endothelium, 181
Patients, tuberculosis, Public Health Service forced to transfer, to the east, 4

Patients, tuberculous, Alpine health resorts for, 299
Pattison, H. A. Mortality and morbidity from tuberculosis in the United States, 171
Pavodi, F., and Dumarest, F. Pathology of the pleural endothelium, 181
Pech, H. Antagonism between different parts of the spectrum, 122
Pedunculated tuberculosis of the peritoneum, 190
Peller, S. Statistics on infant and tuberculosis mortality during the eighteenth century. The first census in Vienna, 43
Pellissier, P., Scheffler, L., and Sartory, A. Sodium silicate by the vein, 80
Pelvic calculus, impacted, Renal tuberculosis and, 158
Penis, Tuberculosis of the, 64
Pennsylvania, Campaign against tuberculosis in, 84
——, Tuberculosis eradication among cattle in, 98
Percutaneous reaction with highly concentrated tuberculin, 220
Pericarditis, chronic tuberculous, Pleuropulmonary tuberculosis and, 95
Peritoneal and genital tuberculosis, X-ray treatment of, 123
—— tuberculosis, treatment of, Conservative, with X-rays, 232
—— ——, X-ray treatment of, 123
Peritoneum, Pedunculeated tuberculosis of the, 190
——, tuberculosis of the, Healed case of, 95
Peritonitis, Tuberculous, 110
——, ——, Treatment of, 231
Permar, H. H. The mononuclear phagocytes of the lung, 19
Pestana, B. R., and Lindenberg, A. Chemotherapy with acid-resisting bacteria, 78
——, ——. ——., —— ——, ——. Effect of fats on acid-fast bacteria, 208
Peters, R. Diagnostic value of Pirquet test, 220
Peterson, A. Involvement of genitourinary tract in active pulmonary tuberculosis, 112
Petroff, S. A., and Ornstein, G. G. Humoral antibodies in tuberculosis, 182
Petroff's method, Isolation of tubercle bacilli from sputum by, 224
Petruschky's prophylaxis, 241
Peyrer, K. Danger of tuberculous infection in advanced childhood, 215
Pfeiffer, R. Methylene blue excretion in tuberculosis, 183
Pfenninger, W., and Hruska, C. Complement fixation in bovine tuberculosis, 98
Phagocytes of the lung, The mononuclear, 19
Philip, R. Control and treatment of tuberculosis in Great Britain, 172
Philips, H. B., and Finkelstein, H. X-rays in the treatment of tuberculous arthritis and osteomyelitis, 233
Phlyctenulae and tuberculosis, relationship between, Experimental contribution on the, 176
Phototherapy, heliotherapy and, Contribution to the scientific study of, 50
—— of ocular tuberculosis, 196
Phrenic sign in pulmonary tuberculosis, The, 153
Phthisis, proliferative, Differential diagnosis of caseous pneumonia and, 185
——, The course of, under present abnormal environmental conditions, 176
——, X-ray diagnosis in, 23
Physical development of tuberculous children, The, 147
—— signs, Symptoms *vs.*, in early diagnosis, 56
Pickhan. Axillary lymph node tuberculosis in pulmonary tuberculosis, 158
Pietroforte, V. Fatigue as a test of the tuberculous, 140
Pioneer work in tuberculosis control, 16
Pirquet reaction, Statistics of the, 59
—— test, Diagnostic value of, 220
Plan, Accredited herd, and the practitioner, 169
Pleura, Hernia of the, complicating pneumothorax, 27
Pleural cavity in artificial pneumothorax, Investigation of the, 229
—— effusion on the healthy side in artificial pneumothorax, 93
—— effusions in therapeutic pneumothorax, Management of, 121
—— endothelium, Pathology of the, 181

Pleural irritation, Localized, and syncopal accidents, 109
Pleurisy due to cold, 27
——, exudative, Therapeutic pneumothorax in, 37
—— with effusion, Tuberculin in the treatment of, 206
Pleuropulmonary lesion, right-sided, Dextrocardia due to, 95
—— tuberculosis and chronic tuberculous pericarditis, 95
Pneumonia, caseous, and proliferative phthisis, Differential diagnosis of, 185
——, Chronic tuberculous hilum, in children, 90
——, Nontuberculous lung changes following, 14
Pneumothorax, Artificial, 167
——, ——, A complication of, 194
——, ——, apparatus, A simple, 75
——, ——, Bilateral, 37
——, ——, Contraindications to the administration of, 229
——, ——, Diagnostic, 60
——, ——, Immune reactions with, 108
——, ——, Importance of exact measurement of intrapleural pressure in, 195
——, ——, in pulmonary tuberculosis, 101
——, ——, —— treatment of hemoptysis, 167
——, ——, Oxygen or carbon dioxide for initial, 229
——, ——, pleural cavity in, Investigation of the, 229
——, ——, —— effusion on the healthy side in, 93
——, ——, Recovery of respiratory capacity after, 196
——, ——, Spontaneous pneumothorax complicating, 108
——, ——, therapy, 194
——, ——, treatment, Value of, 101
Pneumothorax, Cauterization of adhesions in, 121
——, Hernia of the pleura complicating, 27
—— in an infant, Complete, 146
——, Induced, 116
——, Spontaneous, 94
——, ——, complicating artificial pneumothorax, 108
——, ——, in an infant, Case of, 224
Pneumothorax, Therapeutic, in exudative pleurisy, 37
——, ——, Multiple fluid collections in, 37
——, ——, pleural affusions in, Management of, 121
——, ——, Severing adhesions impeding, 167
Poehlmann, O. Friedmann's vaccine in pulmonary tuberculosis, 234
Poetz, T. Vaginal tuberculosis, 112
Poisoning, Chronic gas, and pulmonary tuberculosis, 11
Poland, tuberculosis in, struggle against, The, 240
Ponndorf tuberculin treatment in pulmonary tuberculosis, Therapeutic value of the, 205
Porter, G. D. Tuberculosis in Canada, 44
Postural rest for pulmonary tuberculosis, 36
Pottenger, F. M. Relative value of laboratory and clinical methods in tuberculosis, 218
Pott's disease, Brown-Sequard's syndrome in, 63
—— ——, Dyspepsia from, 110
—— ——, suboccipital, Mastoiditis and, 96
Practitioner, Accredited herd plan and the, 169
——, Coöperative eradication campaign and the, 15
——, Treatment of surgical tuberculosis by the, 202
Pratt, J. H. The public health nurse in the campaign, 138
Predisposition to bone and joint tubercle, Stigmata of, 85
—— —— tuberculosis, What the war has taught with regard to, 47
Pregnancy in tuberculosis, 12
Preiss, L. Tuberculin in determining activity, 188
Preparation of vaccines, ultraviolet rays in the, The use of, 122
Pressure, intrapleural, in artificial pneumothorax, Importance of exact measure ment of, 195
Prest, E. E. Calcium in pulmonary tuberculosis, 102
——, ——. ——. Fever in tuberculosis, 188

Presumption of tuberculosis from external stigmata, 58
Presumptive evidence furnished by the habitus and the skin, 92
Pretuberculous state in infancy, Study and treatment of the, 145
Prevention of pulmonary tuberculosis, Statistics on the, 66
—— —— tuberculosis in the United States, 172
Preventive of tuberculosis, Cure or, 132
Preventoriums, Need of assistance for, 237
Primary tuberculosis of the bladder, 29
—— —— —— —— female genital organs, Experimental research on, 30
—— —— —— —— testicle, 97
—— —— —— —— thyroid, 61
Problem, factory dust, Control of the, 17
——, —— ——, Industrial tuberculosis and the, 47
—— of tuberculosis, The real, 174
Problems, Tuberculosis, in state hospital practice, 41
Prognosis and antecedent tuberculosis of ancestors or patients themselves, 99
—— of pulmonary tuberculosis, 150
—— —— —— ——, Râles in the, 241
—— —— tuberculosis in infancy, Diagnosis and, 87
Prognostic classification of pulmonary tuberculous lesions, A, 209
—— significance of the cutaneous reaction to old tuberculin and to partial antigens in tuberculosis, The, 209
Proliferative phthisis, Differential diagnosis of caseous pneumonia and, 185
Propaganda, tuberculosis, The film for, 41
Prophylactic work, Tuberculosis, in Norway, 239
Prophylaxis in tuberculosis, 14
——, Petruschky's, 241
——, Social, against tuberculosis, 84
——, ——, War and, 2
——, Specific, of tuberculosis, 241
——, tuberculosis, Essentials in, 237
——, ——, in Argentina, Organization of, 240
——, ——, —— Italy, Suggestions for, 238
——, ——, —— Switzerland, Organization of, 238
Prospect, Tuberculosis: retrospect and, 131
Pseudotuberculosis due to disease of the upper air passages, 156
——, Psychogenic, 111
Psychogenic pseudotuberculosis, 111
Psychology of the tuberculous, 100
Public, Enlightening the, 1
—— health nurse in the campaign, The, 138
Public Health Service forced to transfer tuberculosis patients to the east, 4
Public tuberculosis service, 74
Pulmonary and glandular tuberculosis in children, Radiologic diagnosis of, 90
—— —— intestinal tuberculosis, X-ray treatment of, 123
—— —— laryngeal tuberculosis, Light treatment of, 229
—— botryomycosis, 99
—— cavities in tuberculosis, Certain symptomatological aspects of, 25
—— disease, Paratuberculous, 224
—— hypertrophic osteoarthropathy, Secondary, 63
—— sequellae of influenza, 72
—— silicosis, 62
—— syphilis, 115
—— —— simulating tuberculosis, 115
—— tubercle of infancy, The, 177
Pulmonary tuberculosis, active, Involvement of genitourinary tract in, 112
—— ——, Ambard's coefficient in, 186
—— ——, Apical respiratory insufficiency and the diagnosis of, in adults, 57
—— ——, Artificial pneumothorax in, 101
—— ——, Axillary lymph node tuberculosis in, 158
—— ——, Blood transfusion, 106
—— ——, Calcium in, 102
—— ——, Chest wounds and, 49
—— ——, Chondroturia in, 142
—— ——, chronic, and hyperthyroidism, Blood sugar and basal metabolism findings in, 186
—— ——, —— gas poisoning and, 11
—— ——, —— tonsillitis as a source of mixed infection in, 183
—— ——, ——, with few symptoms, 56
—— ——, Creatinin in, 116
—— ——, Deaths and death rates from, in New York City and State, 4, 82
—— ——, Diagnosis of, 68
—— ——, —— —— active, 21

Pulmonary tuberculosis, Diseased tonsils and, 9
—— ——, Early diagnosis of, 184
—— ——, ——, Treatment of, 37
—— ——, Etiologic factors in, 8
—— ——, Friedmann's vaccine in, 234
—— ——, Glandular and, 69
—— ——, grave cases of, The treatment of, with partial antigens, 38
—— ——, heart in early, The, 195
—— ——, Hemorrhages into the liver in, 52
—— ——, Housing conditions *vs.* food as factors in the increased incidence of, 215
—— —— in cases of surgical tuberculous lesions, 225
—— —— —— childhood, 10
—— —— —— infants, Contagiousness of, 215
—— —— —— ——, Open, 178
—— —— —— New York City and State, Deaths and death rates from, 4, 82
—— —— —— the aged, 144
—— —— —— —— Senegalese, 45
—— ——, Influenza and, 216
—— ——, Latent, in its disguises, 55
—— ——, local and, treatment of, Combined X-ray and artificial light, 231
—— ——, Lung wounds and, 49
—— ——, Misleading belief regarding, 55
—— ——, moderately advanced, The care of, 37
—— ——, Morphology of the sputum in, 20
—— —— mortality of large U. S. cities, 134
—— —— —— since 1914, 302
—— ——, mycosis and spirochetosis, 161
—— ——, Nontuberculous complications of, 26
—— ——, pathology and treatment of empyema complicating, The, 192
—— ——, Postural rest for, 36
—— ——, Prognosis of, 150
—— ——, —— ——, Râles in the, 241
—— ——, Pütter's system of caring for those with, 229
—— ——, Recent methods of treating, 228
—— ——, Silica in, 79
—— ——, Smoking in, 153
—— ——, Statistics on the prevention of, 66
—— ——, Surgery in, 201
—— ——, surgical treatment of, Results of, 39
Pulmonary tuberculosis, Test of cure in, 209
—— ——, The anatomic forms of, 180
—— ——, —— blood pressure in, 142
—— ——, —— phrenic sign in, 153
—— ——, Therapeutic value of the Ponndorf tuberculin treatment in, 205
—— ——, treatment of, Artificial sunlight, 231
—— ——, —— ——, with partial antigens, 103
—— ——, Types of, under the X-rays, 68
—— ——, X-ray treatment of, 116
Pulmonary tuberculous lesions, A prognostic classification of, 209
Pupil in the diagnosis of early tuberculosis, Provoked inequality of the, 219
Purpura, Hemorrhagic, and tuberculosis, 30
Purwin, P., Murray, C., and McNutt, S. H. Tuberculosis of goats, 97
Pütter's system of caring for those with pulmonary tuberculosis, 229
Pyelitis, Tuberculosis of spine simulating, 28
Pynappel, M. W. The struggle against tuberculosis in Holland, 239

Quartz laryngeal mirror, The, 34
—— light, Scarlatinal rash after the use of, 51
Quasi-continuous temperature records in early diagnosis, 91
Questions relating to tuberculosis, Some, 131
Queyrat, E. Presumptive evidence furnished by the habitus and the skin, 92

Rabbits, Calcium and tuberculosis in, 102
Racial differences in tuberculosis, 18
Radiating the larynx with ultraviolet rays, 34
Radiation, ultraviolet, Effect of, on vitamines, 102
Radiologic diagnosis of pulmonary and glandular tuberculosis in children, 90
Radium and roentgen rays, Action of, on normal and diseased lymphoid tissue, 199
——, roentgen rays and, Treatment of tuberculous adenitis by, 166
—— treatment of tuberculous adenitis, 35
Ragot, A. The phrenic sign in pulmonary tuberculosis, 153
Râles, Classification of, 219
—— in the prognosis of pulmonary tuberculosis, 241

Ramond, F., and Jacquelin, C. Dyspepsia from Pott's disease, 110
Ramond, L. Tuberculous meningitis in adults, 160
Raphael, A. The Framingham experiment, 174
Raphael, T., and Eldridge, N. Creatinin in pulmonary tuberculosis, 116
Rash, Scarlatinal, after the use of quartz light, 51
Rautenberg, E., Contraindications to the administration of artificial pneumothorax, 229
Raw, N. Tuberculosis immunizing vaccine, 119
Rays, solar, The disinfecting power of the, upon tubercle bacilli, 50
——, ultraviolet, in the preparation of vaccines, The use of, 122
——, ——, Radiating the larynx with, 34
——, ——, The action of, on the cell, 122
——, visible light, Action of the, on the body temperature, 103
Reaction, Complement fixation, in tuberculosis, 154
——, cutaneous, to old tuberculin and to partial antigens in tuberculosis, The prognostic significance of the, 209
——, Percutaneous, with highly concentrated tuberculin, 220
——, Pirquet, Statistics of the, 59
——, Stability, of blood in tuberculosis, 154
——, The urochromogen, in surgical tuberculosis, 92
——, Tuberculin, during the menses, 93
——, ——, Inhibition of the, by serums, transudates and exudates, 205
——, ——, The nature of the, 187
Reactions, Immune, with artificial pneumothorax, 108
—— to tuberculin, Lymph node, 220
Records, temperature, in early diagnosis, Quasi-continuous, 91
Recovery of respiratory capacity after artificial pneumothorax, 196
Recreation centres, Tuberculosis, 138
Red blood corpuscles in the miliary tubercles of the spleen, The presence of, 52
Registration area, United States, 1919, Causes of death in, 4
Reinfection, Tuberculosis and, 49
Relation of childhood tuberculous infection to adult tuberculosis, 176
Relationship between Graves' disease and tuberculosis, 161
—— —— phlyctenulae and tuberculosis, Experimental contribution on the, 176
Relative value of laboratory and clinical methods in tuberculosis, 218
Remilly, Hartman, and Bergeret. Tuberculosis of the adnexa, 29
Renal tuberculosis, 113
—— —— and impacted pelvic calculus, 158
—— ——, Development of, 190
—— ——, Differential diagnosis of, 159
—— ——, Medical management of, 159
—— ——, Pathology of, 159
—— ——, Roentgen diagnosis of, 159
—— ——, Surgical treatment of, 159
—— ——, The laboratory diagnosis of, 190
Rendleman, W. H., and Marker, J. I. Primary tuberculosis of the thyroid, 61
Rénon, L. Scientific methods for obtaining tuberculosis morbidity and mortality statistics, 210
——, ——. Test of cure in pulmonary tuberculosis, 209
Rénsch, O. B., and Corper, H. J. Mustard gas and experimental tuberculosis, 73
——, ——. ——., Corper, H. J., and Gauss, H. Tuberculosis and experimental endothelial leucocytosis, 100
Rensoli, F., Fuentes, S., and Dávila. Vaccine treatment for tuberculosis, 74
Repeated hemoptysis caused by a calculus, 94
Report, Rhode Island State Sanatorium, 165
——, Trudeau Sanatorium, for 1920, 164
Resistance of the caterpillar to tubercle bacilli, 53
—— to tuberculosis, 100
Respiratory capacity after artificial pneumothorax, Recovery of, 196
—— insufficiency, Apical, and the diagnosis of pulmonary tuberculosis in adults, 57
Rest, Postural, for pulmonary tuberculosis, 36
Retrospect and prospect, Tuberculosis, 131
Rettig, F. Light dosage, 51
Reyn, A., and Ernst, N. Results of treatment of lupus vulgaris and surgical tuberculosis with artificial chemical light baths, 197

de Reynier, L., and Rossel, G. Pleural effusion on the healthy side in artificial pneumothorax, 93
Rhode Island State Sanatorium Report, 165
Rhodes, W. L. Diseased tonsils and pulmonary tuberculosis, 9
Ribadeau-Dumas, L. The pulmonary tubercle of infancy, 177
Richard, P. Study and treatment of the pretuberculous state in children, 145
Richardson, A. G. G. Bovine and human tuberculosis, 169
Rickets, treatment of, Ultraviolet ray, 232
Rickmann, H. Krysolgan chemotherapy, 234
Rietschel. The specificity of Friedmann's vaccine, 204
Rieux, J., and Bass. Complement fixation reaction in tuberculosis, 154
Right-sided pleuropulmonary lesion, Dextrocardia due to, 95
Rivers, W. C. Squint, lefthandedness and tuberculosis, 67
——, ——. ——. Stigmata of predisposition to bone and joint tubercle, 85
——, ——. ——. The drooping shoulder sign, 58
Riviere, C. Artificial pneumothorax, 167
Robertson, A. N. The future of the sanatorium, 175
Robertson, N. Statistics of tuberculosis institutions, 7
Robinson, W. The campaign against tuberculosis, 66
Rodents, small, Tuberculosis in, 99
Roentgen diagnosis of renal tuberculosis, 159
—— ray and tuberculosis in infants and children, 108
—— rays and radium, Treatment of tuberculous adenitis by, 166
—— ——, radium and, Action of, on normal and diseased lymphoid tissue, 199
Roentgenograms, The Dunham fan in, 24
Roentgenography of obscure bone lesions, 61
Rogers, J. B. Nitrous oxide-oxygen anesthesia in tuberculous animals, 86
——, ——. ——. Relation of contact to development of tuberculosis, 8
Rogers, L. Chaulmoogra oil in leprosy and tuberculosis, 168
Rolleston, H. Rôle of medical profession in prevention of tuberculosis, 235
Rollier, A. Heliotherapy in the Alps, 102
——, ——. Institutions for sun treatment, 103
——, ——. Sun treatment, 73
——, ——., and Rosselet, A. Contribution to the scientific study of heliotherapy and phototherapy, 50
Root, H. F., and Gray, H. Weight prediction, 140
Rosenblatt, J. Lower lobe tuberculosis, 138
——, ——., and Stivelman, B. P. Management of pleural effusions in therapeutic pneumothorax, 121
——, ——., —— ——, ——. ——. Multiple fluid collections in therapeutic pneumothorax, 37
Rossel, G., and de Reynier, L. Pleural effusion on the healthy side in artificial pneumothorax, 93
Rosselet, A., and Rollier, A. Contribution to the scientific study of heliotherapy and phototherapy, 50
Roubier, C. Brown-Sequard's syndrome in Pott's disease, 63
Ruggeri, E. The Martinotti vaccine for tuberculosis, 31
Rumania, Antituberculosis work in, 238
Rustichelli, V. Therapeutic pneumothorax in exudative pleurisy, 37
Ryssel, E. C. Anatomic investigations of tuberculosis in childhood, 52

Saathoff, L. The real problem of tuberculosis, 174
Sahli, H. Intracutaneous tuberculin treatment, 39
Salpingitis, Tuberculous, 70
Sanatoria, community, Heliotherapy of surgical tuberculosis and necessity of, for such patients, 230
—— for surgical tuberculosis, 38
—— —— —— ——, Necessity of foundation of, 105
——, German, Heliotherapy in, 123
——, tuberculosis, Building, 136
——, ——, Standard, 137
Sanatorium care of tuberculous soldiers, 152
——, Dispensary, and the tuberculosis officer, 43

Sanatorium, first, The, 175
——, future of the, The, 175
——, Metropolitan Life Insurance Company, 85
—— treatment under county councils, 137
Sartory, A., Pellissier, P., and Scheffler, L. Sodium silicate by the vein, 80
Sauerbruch, F. Surgery in pulmonary tuberculosis, 201
Sayé, L. Present efforts against tuberculosis in Catalonia, 238
Scarlatinal rash after the use of quartz light, 51
Schäcker. Ultraviolet light treatment of heart and vascular diseases, 198
Scheffler, L., Sartory, A., and Pellissier, P. Sodium silicate by the vein, 80
Schemes, Why tuberculosis, fail, 2
Schiff and Eliasberg. Diagnostic value of intracutaneous injection of patient's own urine, 60
Schmidt, E. O. Surgical tuberculosis, 226
Schmincke, A. The anatomic forms of pulmonary tuberculosis, 180
Schnaudigel, O. Ocular tuberculosis treated with a gold preparation, krysolgan, 208
Schoenstein, E. Case of spontaneous pneumothorax in an infant, 224
School, Hospital, for surgical tuberculosis in children, 76
Schools, Open-air, during 1919, 76
Schroeder, E. C. Significance of types of tubercle bacillus, 143
v. Schrötter. Theory and practice of light treatment of tuberculosis, 230
Schults-Tigges, H. The treatment of grave cases of pulmonary tuberculosis with partial antigens, 38
Schulz, E. Chronic tonsillitis as a source of mixed infection in pulmonary tuberculosis, 183
Schuster. Disinfection of tuberculous sputum, 155
Schweizer, G. Surgery of tuberculous joints contrasted with heliotherapy, 230
Scientific methods for obtaining tuberculosis morbidity and mortality statistics, 210
Scrofula, The old and new conceptions of, 94
Seabold, P. S. The Dunham fan in roentgenograms, 24
Seashore, Treatment of tuberculosis at the, 78
Secher, K., and Larsen, R. B. Sochanski's method of differentiating exudates from transudates, 186
Secondary pulmonary hypertrophic osteoarthropathy, 63
Seiter, O. Chest wounds and pulmonary tuberculosis, 49
Selter, H. The nature of the tuberculin reaction, 187
Senegalese, Pulmonary tuberculosis in the, 45
Sequellae of influenza, Pulmonary, 72
Serbia, tuberculosis in, struggle against, The, 238
Serum agglutination of tubercle bacillus, 222
Serums, transudates and exudates, Inhibition of the tuberculin reaction by, 205
Severing adhesions impeding therapeutic pneumothorax, 167
Sex, Tuberculosis mortality in New York City according to, 213
Shoulder sign, The drooping, 58
Sign, early, of tuberculous lesion, Tenderness in muscles as an, beneath, 25
——, phrenic, in pulmonary tuberculosis, The, 153
——, The drooping shoulder, 58
Significance of tracheobronchial adenopathy, Diagnosis and, 69
Signs, physical, Symptoms vs., in early diagnosis, 56
Silica in pulmonary tuberculosis, 79
Silicate, Sodium, by the vein, 80
Silicosis, Pulmonary, 62
Simic, S. X-ray treatment of tuberculous lymph nodes, 199
Simon, S. The heart in early pulmonary tuberculosis, 195
Sinus disease, accessory, Bronchiectasis and, 130
Skin as an organ of internal secretion, The, 191
——, Light, and tuberculosis, 124
——, Presumptive evidence furnished by the habitus and the skin, 92
—— tuberculosis in cattle, 170
——, Tuberculosis of the, 128
Slater, S. A. Interesting things about tuberculosis, 1

Slesinger, E. G. Unusual cases of abdominal tuberculosis, 158
Slight fever in the tuberculous, Significance of, 59
Small rodents, Tuberculosis in, 99
Smith, C. H. Diagnosis of tuberculosis in childhood, 219
Smoke abatement, The influence of, upon tuberculosis, 65
Smoking in pulmonary tuberculosis, 153
Sobel, J., and Baker, S. J. Open air schools during 1919, 76
Sochanski's method of differentiating exudates from transudates, 186
Social prophylaxis against tuberculosis, 84
—— prophylaxis, War and, 2
Sodium morrhuate, Treatment of tuberculosis with, 80
—— silicate by the vein, 80
Solar rays, The disinfecting power of the, upon tubercle bacilli, 50
Soldiers, Tuberculosis in, 18
——, tuberculous, Sanatorium care of, 152
Solis-Cohen, M. Latent pulmonary tuberculosis in its disguises, 55
——, ——. Tuberculin treatment for children, 30
Sonne, C. Action of the visible light rays on the body temperature, 103
Sorrel, E. Tuberculous bone and joint disease, 96
Soul of the consumptive, The, 1
South Sea Colonies, Tuberculosis in the, 214
Specificity of Friedmann's vaccine, The, 204
—— —— the Besredka antigen, 143
Spectrum, Antagonism between different parts of the, 122
Spence, R. C., and Wollstein, M. Tuberculosis in infants and young children, 88
Spencer, O. M. Control of air dustiness, 16
Spengler's immune bodies, 31
Spicer, F. W. Chronic gas poisoning and pulmonary tuberculosis, 11
Spina ventosa, Nontuberculous, 28
Spine, Tuberculosis of, simulating pyelitis, 28
——, —— —— the, Surgical treatment of, 202
Spirochetosis, Bronchopulmonary, 192
——, Pulmonary tuberculosis, mycosis and, 160
Spleen, miliary tubercles of the, The presence of red blood corpuscles in the, 52
Spontaneous pneumothorax, 94
—— —— complicating artificial pneumothorax, 108
—— —— in an infant, Case of, 224
Spread of the tubercle bacillus, Factors in the, 176
Sputum, Albumin in, aid in early diagnosis, 154
——, ——, lymphocytes and tubercle bacilli in the, 92
——, examination for tubercle bacilli in the, The new concentration methods for, 155
——, Isolation of tubercle bacilli from, by Petroff's method, 224
——, Morphology of the, in pulmonary tuberculosis, 20
—— to child, Course of the tubercle bacillus from, 89
——, tuberculous, Bacterial flora of, 20
——, ——, Disinfection of, 155
Squint, lefthandedness and tuberculosis, 67
Stability reaction of blood in tuberculosis, 154
Staining the tubercle bacillus, A new method of, 93
Standard tuberculosis sanatoria, 137
Standardization of tuberculin, 72
State hospital practice, Tuberculosis problems in, 41
Statistics of the Pirquet reaction, 59
—— —— tuberculosis institutions, 7
—— on infant and tuberculosis mortality during the eighteenth century: the first census in Vienna, 43
—— —— the prevention of pulmonary tuberculosis, 66
——, Scientific methods for obtaining tuberculosis morbidity and mortality, 210
——, Tuberculosis, New York City, May-July, 1921, 213
——, Vital, for the year 1920 in New York City, 7
Steindler, A. Treatment of surgical tuberculosis, 104
Stenstrom, O., and Barthel, C. Action of prolonged pasteurization on tubercle bacilli in milk, 72

Stenzler, W. Tuberculosis of the lachrymal glands, 61
Stephan, S. X-ray treatment of peritoneal and genital tuberculosis, 123
Sterilization of the throats of diphtheria carriers with ultraviolet rays, 198
Stewart, D. A. Infection in tuberculosis, 107
——, ——. ——. Tuberculosis: retrospect and prospect, 131
Stigmata, external, Presumption of tuberculosis from, 58
—— of predisposition to bone and joint tubercle, 85
Stivelman, B. P. Induced pneumothorax, 116
——, ——. ——., and Rosenblatt, J. Management of pleural effusions in therapeutic pneumothorax, 121
——, ——. ——., —— ——, ——. Multiple fluid collections in therapeutic pneumothorax, 37
Stokes, J. H. Erythema nodosum and tuberculosis, 64
——, ——. ——. Tuberculosis of the skin, 128
Stoyanovitch, L. The struggle against tuberculosis in Serbia, 238
Stradner, F. Percutaneous reaction with highly concentrated tuberculin, 220
Striae distensae in consumptives, 142
Strobel, J. E. Bacterial flora of tuberculous sputum, 20
Stromeyer, K. The treatment of surgical tuberculosis with X-ray, 35
Strubell, A. Specific prophylaxis of tuberculosis, 241
——, ——. Tubar, another tuberculosis vaccine, 207
——, ——., and Strubell, Theodora. Tuberculosis immune milk, 224
Strubell, Theodora, and Strubell, A. Tuberculosis immune milk, 224
Study and treatment of the pretuberculous state in infancy, 145
Stuhl, C. Tuberculin in the treatment of pleurisy with effusion, 206
Stuteville, O. R. An unusual case of tuberculosis in an infant, 178
Subcutaneous tuberculin test, The, 188
Suboccipital Pott's disease, Mastoiditis and, 96
Sugar, Blood, and basal metabolism findings in chronic pulmonary tuberculosis and hyperthyroidism, 186
Sulphur dioxide and tuberculosis, 208
Sun treatment, 73
—— ——, Institutions for, 103
Sundt, H. Tuberculous hip disease and its simulants, 127
Sunlight treatment, Artificial, of pulmonary tuberculosis, 231
—— ——, ——, —— tuberculosis in guinea pigs, 231
Surgery in pulmonary tuberculosis, 201
—— of tuberculous joints contrasted with heliotherapy, 230
Surgical thoracic tuberculosis, Two cases of, 121
—— treatment of pulmonary tuberculosis, Results of, 39
—— —— —— renal tuberculosis, 159
—— —— —— tuberculosis, 199, 200
—— —— —— —— of the spine, 202
Surgical tuberculosis, 28, 63, 226
—— ——, Complement fixation in, 154
—— ——, Diagnostic value of tuberculin in, 110
—— ——, Heliotherapy in, 35, 230
—— ——, —— of, and necessity of community sanatoria for such patients, 230
—— —— in children, Hospital school for, 76
—— —— —— ——, The treatment of, by venous hyperemia, 148
—— —— —— infants, 88
—— ——, Influence of trauma on, 86
—— ——, Institutional treatment in, 164
—— ——, lupus vulgaris and, Results of treatment of, with artificial chemical light baths, 197
—— ——, Mixed infection in, 71
—— ——, Nonoperative treatment of, 168
—— ——, operative treatment of, The, 120
—— ——, Sanatoria for, 38
—— ——, —— ——, Necessity of foundation of, 105
—— ——, Tebelon in the treatment of, 207
—— ——, The treatment of, with X-ray, 35
—— ——, —— urochromogen reaction in, 92
—— —— treated by the Friedmann vaccine, 205
—— ——, Treatment of, 104
—— ——, —— ——, by the practitioner, 202
—— ——, —— ——, with turtle bacilli, 202

Surgical tuberculous lesions, Pulmonary tuberculosis in cases of, 225
Survey, health, Cleveland, 44
Sutherland, H. G. Early diagnosis of pulmonary tuberculosis, 184
Sweden, tuberculosis in, struggle against, The, 240
Switzerland, tuberculosis prophylaxis in, Organization of, 238
Syllaba, L. Diagnostic methods of bacillary infection, 222
Symes-Thompson, H. E. History of tuberculosis, 151
Symptomatological aspects of pulmonary cavities in tuberculosis, Certain, 25
Symptoms, Chronic pulmonary tuberculosis with few, 56
—— of tuberculous meningitis in adults, The, 114
—— —— ulcerating pulmonary tuberculosis in infants, The general, 88
—— *vs.* physical signs in early diagnosis, 56
Syncopal accidents, Localized pleural irritation and, 109
Syndrome, Brown-Sequard's, in Pott's disease, 63
Syphilis and tuberculosis, 162
——, hereditary, Tuberculous meningitis and, 227
——, Light in the treatment of, 198
——, Pulmonary, 115
——, ——, simulating tuberculosis, 115

Takeuchi, K. Albumin, lymphocytes and tubercle bacilli in the sputum, 92
Tambe, G. R. Treatment of tuberculosis with sodium morrhuate, 80
Tanner, F. W., and Ward, C. B. Bacteria on coins, 217
Tchabotine, S. The action of the ultraviolet rays on the cell, 122
Tebelon in the treatment of surgical tuberculosis, 207
Telford, E. D. Institutional treatment in surgical tuberculosis, 164
Temperature, body, Action of the visible light rays on the, 103
—— records in early diagnosis, Quasi-continuous, 91
Tenderness in muscles as early sign of tuberculous lesion beneath, 25
Tenderness over tuberculous apex, 57
Test, Auto-urine, for active tuberculosis, 107
—— for tuberculosis, Auto-urine and autoserum biologic, 26
—— of cure in pulmonary tuberculosis, 209
—— —— the tuberculous, Fatigue as a, 140
——, Pirquet, Diagnostic value of, 220
——, tuberculin Intracutaneous, in cattle, 149
——, ——, of cattle and tuberculosis control, 149
——, ——, The subcutaneous, 188
Testicle, Primary tuberculosis of the, 97
Tests, tuberculin, Combination, in cattle, 149
Therapeutic pneumothorax in exudative pleurisy, 37
—— ——, Multiple fluid collections in, 37
—— ——, pleural effusions in, Management of, 121
—— ——, Severing adhesions impeding, 167
—— studies, Light, with Fürstenau's actinometer, 34
—— value of the Ponndorf tuberculin treatment in pulmonary tuberculosis, 205
Therapy, Artificial pneumothorax, 194
——, light, Double, 34
——, Vaccine, of tuberculosis, 30
Thielmann, H. Tuberculosis of the penis, 64
Thomalla, C. The film for tuberculosis propaganda, 41
Thoracic tuberculosis, Two cases of surgical, 121
Thoracotomy, Extrapleural, 203
Throats of diphtheria carriers, Sterilization of the, with ultraviolet rays, 198
Thyroid, Primary tuberculosis of the, 61
Tobias, W. Housing conditions vs. food as factors in the increased incidence of pulmonary tuberculosis, 215
Tonsillitis, Chronic, as a source of mixed infection in pulmonary tuberculosis, 183
Tonsils, Diseased, and pulmonary tuberculosis, 9
——, Tuberculosis of, 125
Töppich, G. Experimental immunity effects of Friedmann's vaccine, 234
Toxins, Tuberculous, as causes of disease, 216
Tracheobronchial adenopathy, Diagnosis and significance of, 69
—— glands, tuberculosis of the, in children, Early diagnosis of, 91

Training, Educational, in tuberculosis, 42
Tranjen, I. Friedmann's remedy in the light of Ehrlich's side chain theory, 234
Transfusion, Blood, in pulmonary tuberculosis, 106
Transudates and exudates, Inhibition of the tuberculin reaction by serums, 205
——, Sochanski's method of differentiating exudates from, 186
Traugott, K. Artificial sunlight treatment of pulmonary tuberculosis, 231
Trauma and tuberculosis, 106
——, Influence of, on surgical tuberculosis, 86
Trawick, J. D. Tuberculous disease of the hip joint, 96
Treating pulmonary tuberculosis, Recent methods of, 228
Treatment, artificial pneumothorax, Value of, 101
——, Artificial sunlight, of pulmonary tuberculosis, 231
——, —— ——, of tuberculosis in guinea pigs, 231
——, Friedmann's, of tuberculosis, 233
——, Institutional, in surgical tuberculosis, 164
——, Intracutaneous tuberculin, 39
——, light, A formula for, 194
——, —— and climatic, of tuberculosis, 124
——, ——, of bone and joint tuberculosis, 230
——, ——, —— tuberculosis, 229
——, ——, —— venereal diseases, The, 197
——, Mechanical, of tuberculosis, 36
——, Nonoperative, of surgical tuberculosis, 168
—— of chronic tuberculosis, Cerium salts in the, 101
—— —— early pulmonary tuberculosis, 37
—— —— empyema complicating pulmonary tuberculosis, The pathology and, 192
—— —— grave cases of pulmonary tuberculosis with partial antigens, The, 38
—— —— hemoptysis, 79
—— —— ——, Artificial pneumothorax in, 167
—— —— ——, Camphor and emetine in the, 79
—— —— laryngeal tuberculosis, 231
—— —— —— —— with the arc light, 123
Treatment of local and pulmonary tuberculosis, Combined X-ray and artificial light, 231
—— —— lupus vulgaris and surgical tuberculosis with artificial chemical light baths, Results of, 197
—— —— —— —— with Friedmann's vaccine, 205
—— —— —— with iodine exposed to X-rays, 233
—— —— peritoneal tuberculosis with X-rays, Conservative, 232
—— —— pleurisy with effusion, Tuberculin in the, 206
—— —— pulmonary and laryngeal tuberculosis, Light, 229
—— —— —— tuberculosis with partial antigens, 103
—— —— surgical tuberculosis, 104
—— —— —— —— by the practitioner, 202
—— —— —— —— in children by venous hyperemia, The, 148
—— —— —— ——, Tebelon in the, 207
—— —— —— —— with turtle bacilli, 202
—— —— —— —— —— X-ray, The, 35
—— —— syphilis, Light in the, 198
—— —— the pretuberculous state in infancy, Study and, 145
Treatment of tuberculosis, 163
—— —— —— at the seashore, 78
—— —— ——, Chaulmoogra oil in the, 124
—— —— —— in Great Britain, Control and, 172
—— —— ——, light, Theory and practice of, 230
—— —— —— of the bones and joints, 105
—— —— —— —— —— kidney, 105
—— —— —— with partial antigens (Deycke-Much), 206
—— —— —— —— sodium morrhuate, 80
—— —— —— —— the Deycke-Much partial antigens, The leucocytes during the, 206
Treatment of tuberculous adenitis, 166
—— —— —— —— by roentgen rays and radium, 166
—— —— —— arthritis and osteomyelitis, X-rays in the, 233
—— —— —— peritonitis, 231
Treatment, operative, of surgical tuberculosis, The, 120

Treatment, Radium, of tuberculous adenitis, 35
——, Sanatorium, under county councils, 137
——, Sun, 73
——, ——, Institutions for, 103
——, surgical, of pulmonary tuberculosis, Results of, 39
——, ——, —— renal tuberculosis, 159
——, ——, —— tuberculosis, 199, 200
——, ——, —— —— of the spine, 202
——, The Friedmann, 104
——, Tuberculin, 32
——, ——, for children, 30
——, Ultraviolet light, of heart and vascular diseases, 198
——, —— ray, of rickets, 232
——, Vaccine, of tuberculosis, 74
——, X-ray, in children, The results of, 148
——, ——, of laryngeal tuberculosis, 122
——, ——, —— peritoneal and genital tuberculosis, 123
——, ——, —— —— tuberculosis, 123
——, ——, —— pulmonary and intestinal tuberculosis, 123
——, ——, —— —— tuberculosis, 116
——, ——, —— tuberculosis, 199
——, ——, —— tuberculous laryngitis, 102
——, ——, —— —— lymph nodes, 74, 199
——, ——, —— —— lymphadenitis, 78
Tropical bronchopulmonary mycosis, 130
Trostler, I. S. X-ray treatment of tuberculous lymphadenitis, 78
Trudeau, F. B. Râles in the prognosis of pulmonary tuberculosis, 241
Trudeau Sanatorium report for 1920, 164
Tubal tuberculosis, Genesis of, 112
Tubar, another tuberculosis vaccine, 207
Tubercle bacilli, Albumin, lymphocytes and, in the sputum, 92
—— ——, Cold-blooded, and Friedmann's vaccine, 204
—— ——, Culture of, on egg yolk, 144
—— ——, Effect of amino acids on the growth of, 20
—— ——, Excretion of, in bile, 98
—— —— in milk, Action of prolonged pasteurization on, 72
—— —— —— the blood of tuberculous patients, 93
—— —— —— —— sputum, The new concentration methods for examination for, 155
Tubercle bacilli, Influence of organ extracts on, 207
—— ——, Isolation of, from sputum by Petroff's method, 224
—— ——, low virulent, turtle and other acid-fast bacilli, Antigenic property of, 155
—— ——, nonvirulent and nontoxic living, Immunization by, 39
—— ——, Properties of, attenuated by bile, 223
—— ——, Resistance of the caterpillar to, 53
—— ——, The detection of, by dark field illumination, 186
—— ——, —— disinfecting power of the solar rays upon, 50
Tubercle bacillus, Alcohol extracts of the, as antigens, 143
—— —— as fat fungus, 19
—— ——, avian, The, 223
—— ——, Course of the, from sputum to child, 89
—— ——, Factors in the spread of the, 176
—— ——, Serum agglutination of, 222
—— ——, staining the, A new method of, 93
—— ——, The influence of chaulmoogra oil on the, 74
—— ——, types of, Significance of, 143
Tubercle, bone and joint, Stigmata of predisposition to, 85
—— of infancy, The pulmonary, 177
Tubercles, miliary, of the spleen, The presence of red blood corpuscles in the, 52
Tuberculin, diagnostic, A, 187
——, highly concentrated, Percutaneous reaction with, 220
—— hypersensitiveness, 117
—— in determining activity, 188
—— —— epilepsy, 124
—— —— surgical tuberculosis, Diagnostic value of, 110
—— —— the treatment of pleurisy with effusion, 206
—— injection, intracutaneous, as revealed by the capillary microscope, The, 142
—— inunction, Diagnostic, 188
——, Lymph node reactions to, 220
—— reaction during the menses, 93
—— ——, Inhibition of the, by serums, transudates and exudates, 205
—— ——, The nature of the, 187

Tuberculin, Standardization of, 72
—— test, Intracutaneous, in cattle, 149
—— —— of cattle and tuberculosis control, 149
—— ——, The subcutaneous, 188
—— tests, Combination, in cattle, 149
——, The prognostic significance of the cutaneous reaction to old, and to partial antigens in tuberculosis, 209
—— treatment, 32
—— —— for children, 30
—— ——, Intracutaneous, 39
—— ——, Ponndorf, Therapeutic value of the, in pulmonary tuberculosis, 205
Tuberculinization of babies, 75
Tuberculosis, Abdominal, in children, 179
——, ——, Unusual cases of, 158
——, active, Auto-urine test for, 107
——, adult, in Czecho-Slovakia, Clinical diagnosis of, 218
——, ——, Relation of childhood tuberculous infection to, 176
—— after industrial accidents, 153
—— among Catholic nursing orders, 214
—— —— negroes in New York City, 214
—— —— the children of Munich, The war and, 178
—— and arteriosclerosis, 163
—— —— cancer of the lung, 62
—— —— decalcification, 116
—— —— experimental endothelial leucocytosis, 100
—— —— reinfection, 49
——, antecedent, of ancestors or patients themselves, Prognosis and, 99
—— antibodies in the aged, 53
—— Association, Haverhill, 138
——, Atypical, with Mikulicz's syndrome, 160
——, Auto-urine and autoserum biologic test for, 26
——, Axillary lymph node, in pulmonary tuberculosis, 158
——, Blood lipases in, 221
——, Bone, 127
——, Bovine and human, 169
—— ——, Complement fixation in, 98
——, ——, Eradication of, 15
——, ——, No compromise with, 168
——, Calcium and, in rabbits, 102
——, Campaign against, in Pennsylvania, 84
Tuberculosis, Campaign against, The, 66
—— ——, Coöperative, 42
—— ——, Knights of Columbus in, 106
——, cattle, Control of, 116
——, Certain symptomatological aspects of pulmonary cavities in, 25
——, Chaulmoogra oil in leprosy and, 168
——, Chemotherapy of, with collargol and colloidal copper, 235
——, chronic, treatment of, Cerium salts in the, 101
——, Classification of, 40
——, Climate and weight in, 193
——, —— in, 104
——, Complement fixation reaction in, 154
——, Conglomerate, of the heart, 62
—— contagious, Is, 9
—— control, 135
——, —— and treatment of, in Great Britain, 172
——, —— of, Fundamental factors in the, 152
——, —— ——, The, 174
—— ——, Pioneer work in, 16
—— ——, Tuberculin test of cattle and, 149
——, Controlling, 41
——, Courses in, 67
——, Cure or preventive of, 132
—— death rate for November, 1920, Low, 7
—— —— —— still declining, 173
——, Dental caries and, 94
——, development of, The influence of X-rays on the, 122
——, diagnosis of, Value of inspection in, 21
——, Differential diagnosis of, 22
——, Diffusion of, throughout the world, 211
——, Dispensary control of, 136
——, early case of, Value of finding the, 183
——, ——, diagnosis of, Provoked inequality of the pupil in the, 219
——, Educational training in, 42
——, Epidemiology of, 130
—— eradication among cattle in Pennsylvania, 98
——, Erythema nodosum and, 64
——, erythrocyte volume in, The, 182
——, Experimental contribution on the relationship between phlyctenulae and, 176
——, ——, Mercury compounds in the chemotherapy of, 33

Tuberculosis, Experimental miliary, The endothelium in, 52
——, ——, Mustard gas and, 73
——, Feeblemindedness and, 64
——, Fever in, 188
——, Gassing *vs.*, 139
——, gastric, Case of, 189
——, Genital, 29
——, ——, in the male, 29
——, Graves' disease and, Relationship between, 161
——, Hemorrhagic purpura and, 30
——, Heredity in, 47
——, History of, 151
——, Humoral antibodies in, 182
—— immune milk, 224
——, immunity in, Rôle of, 118
——, —— to, 16
—— immunizing vaccine, 119
—— in a parish, 134
—— —— an infant, An unusual case of, 178
—— —— Austria, 4
—— —— Canada, 44
—— —— Catalonia, Present efforts against, 238
—— —— childhood, Anatomic investigations of, 52
—— —— ——, Apex, hilum and lower lobe lesions of, 89
—— —— ——, Diagnosis of, 219
—— —— children, 108
—— —— ——, Complement fixation for, 90
—— —— ——, Radiologic diagnosis of pulmonary and glandular, 90
—— —— France struggle against, The, 237
—— —— Germany, 81
—— —— guinea pigs, treatment of, Artificial sunlight, 231
—— —— infancy, Diagnosis and prognosis of, 87
—— —— infants and children, Roentgen ray and, 108
—— —— —— —— young children, 88
—— —— ——, Open pulmonary, 178
—— —— large communities, Fight against, 40
—— —— milk goats, 97
—— —— New York City, 66, 82
—— —— nurslings, 144
—— —— old age, 179
—— —— Serbia, struggle against, The 238
Tuberculosis in small rodents, 99
—— —— soldiers, 18
—— —— the South Sea Colonies, 214
—— —— Wales, Campaign against, 3
——, Industrial, and the factory dust problem, 47
——, infantile, The alizarin test in, 222
——, Infection in, 107
——, Infectivity of, 48
——, Influenza and, 12, 162
—— institutions, Statistics of, 7
——, Interesting things about, 1
——, intraäbdominal, Inguinal lymph node involvement in, 189
——, Is lupus erythematosus due to, 129
——, Laryngeal, 156
——, ——, Heliotherapy in, 194
——, ——, Nerve block in, 126
——, ——, pulmonary and, Light treatment of, 229
——, ——, Treatment of, 231
——, ——, —— ——, of, with the arc light, 123
——, ——, X-ray treatment of, 122
——, Laryngopulmonary, 125
——, Latent, 180
——, Light and climatic treatment of, 124
——, ——, skin and, 124
——, local and pulmonary, treatment of, Combined X-ray and artificial light, 231
——, Lower lobe, 138
——, Lymphadenoma and, 161
——, Mechanical treatment of, 36
——, Medical education in, 174
——, Metabolism and diet in, 54
——, —— in, 53
——, —— —— grave, afebrile, 53
——, Methylene blue excretion in, 183
——, morbidity and mortality statistics, Scientific methods for obtaining, 210
——, Mortality and morbidity from, in the United States, 171
——, —— from, in Denmark, 82
—— —— in New York City according to sex, 213
—— —— —— Vienna before and after the war, 81
—— ——, Statistics on infant and, during the eighteenth century: the first census in Vienna, 43
—— movement, By-products of the, 174

Tuberculosis, New York City deaths from, since 1898, 133
——, ocular, Phototherapy of, 196
——, ——, treated with a gold preparation, krysolgan, 208
—— of children, 89
—— —— goats, 97
—— —— horses, 150
—— —— knee joint, 128
—— —— Meckel's diverticulum, 62
—— —— myocardium, 62
—— —— spine simulating pyelitis, 28
—— —— the adnexa, 29
—— —— —— anterior vaginal wall, 160
—— —— —— bladder, Primary, 29
—— —— —— bones and joints, Treatment of, 105
—— —— —— ear, 26
—— —— —— heart, 95
—— —— —— ——, Conglomerate, 62
—— —— —— ——, Tumor-like, 62
—— —— —— joints, Unusual forms of, 191
—— —— —— kidney, Chronic, 70
—— —— —— —— in women, 70
—— —— —— ——, Treatment of, 105
—— —— —— lachrymal glands, 61
—— —— —— lip, 44
—— —— —— middle ear, 157
—— —— —— penis, 64
—— —— —— peritoneum, Healed case of, 95
—— —— —— ——, Pedunculated, 190
—— —— —— skin, 128
—— —— —— spine, Surgical treatment of, 202
—— —— —— testicle, Primary, 97
—— —— —— thyroid, Primary, 61
—— —— —— tracheobronchial glands in children, Early diagnosis of, 91
—— —— —— wrist, Operation for, 32
—— —— tonsils, 125
—— officer, Dispensary, sanatorium and, 43
——, Ozena and, 191
——, Pathology of the mediastinal lymph nodes in, 139
—— patients, General hospitals and, 137
—— ——, Public Health Service forced to transfer, to the east, 4
——, peritoneal and genital, X-ray treatment of, 123
——, ——, treatment of, Conservative, with X-rays, 232
Tuberculosis, peritoneal, X-ray treatment of, 123
——, Pleuropulmonary, and chronic tuberculous pericarditis, 95
——, predisposition to, What the war has taught with regard to, 47
——, Pregnancy in, 12
——, Presumption of, from external stigmata, 58
——, Prevention of, in the United States, 172
——, —— ——, Rôle of medical profession in, 235
——, primary, of the female genital organs, Experimental research on, 30
—— problems in state hospital practice, 41
—— propaganda, The film for, 41
—— prophylactic work in Norway, 239
—— prophylaxis, Essentials in, 237
——, —— in, 14
—— —— —— Italy, Suggestions for, 238
—— —— —— Switzerland, Organization of, 238
—— ——, Organization of, in Argentina, 240
Tuberculosis, pulmonary, active, Involvement of genitourinary tract in, 112
——, ——, Ambard's coefficient in, 186
——, —— and intestinal, X-ray treatment of, 123
——, —— laryngeal, Light treatment of, 229
——, ——, Apical respiratory insufficiency and the diagnosis of, in adults, 57
——, ——, Artificial pneumothorax in, 101
——, ——, Axillary lymph node tuberculosis in, 158
——, ——, Blood transfusion in, 106
——, ——, Calcium in, 102
——, ——, Chest wounds and, 49
——, ——, Chondroturia in, 142
——, ——, chronic, and hyperthyroidism, Blood sugar and basal metabolism findings in, 186
——, ——, —— gas poisoning and, 11
——, ——, —— tonsillitis as a source of mixed infection in, 183
——, ——, ——, with few symptoms, 56
——, ——, Creatinin in, 166
——, ——, Deaths and death rates from, in New York City and State, 4, 82
——, ——, Diagnosis of, 68
——, ——, —— —— active, 21
——, ——, Diseased tonsils and, 9
——, ——, Early diagnosis of, 184

Tuberculosis, pulmonary, Early, Treatment of, 37
——, ——, Etiologic factors in, 8
——, ——, Friedmann's vaccine in, 234
——, ——, Glandular and, 69
——, ——, grave cases of, The treatment of, with partial antigens, 38
——, ——, heart in early, The, 195
——, ——, Hemorrhages into the liver in, 52
——, ——, Housing conditions *vs.* food as factors in the increased incidence of, 215
——, ——, in cases of surgical tuberculous lesions, 225
——, ——, —— childhood, 10
——, ——, —— infants, Contagiousness of, 215
——, ——, —— ——, Open, 178
——, ——, —— New York City and State, Deaths and death rates from, 4, 82
——, ——, —— the aged, 144
——, ——, —— —— Senegalese, 45
——, ——, Influenza and, 216
——, ——, Latent, in its disguises, 55
——, ——, Lung wounds and, 49
——, ——, Misleading beliefs regarding, 55
——, ——, moderately advanced, The care of, 37
——, ——, Morphology of the sputum in, 20
——, ——, mortality of large U. S. cities, 134
——, ——, —— since 1914, 132
——, ——, mycosis and spirochetosis, 160
——, ——, Nontuberculous complications of, 26
——, ——, pathology and treatment of empyema complicating, The, 192
——, ——, Postural rest for, 36
——, ——, Prognosis of, 150
——, ——, —— ——, Râles in the, 241
——, ——, Pütter's system of caring for those with, 229
——, ——, Recent methods of treating, 228
——, ——, Silica in, 79
——, ——, Smoking in, 153
——, ——, Statistics on the prevention of, 66
——, ——, Surgery in, 201
——, ——, surgical treatment of, Results of, 39
——, Pulmonary syphilis simulating, 115
——, pulmonary, Test of cure in, 209
——, ——, The anatomic forms of, 180
——, ——, —— blood pressure in, 142
Tuberculosis, pulmonary, The phrenic sign in, 153
——, ——, —— tonsillar route of infection in, 57
——, ——, Therapeutic value of the Ponndorf tuberculin treatment in, 205
——, ——, treatment of, Artificial sunlight, 231
——, ——, —— —— local and, Combined X-ray and artificial light, 231
——, ——, —— ——, with partial antigens, 103
——, ——, Types of, under the X-rays, 68
——, ——, X-ray treatment of, 116
Tuberculosis, Racial differences in, 18
—— recreation centres, 138
——, Relation of contact to development of, 8
——, Relative value of laboratory and clinical methods in, 218
——, Renal, 113
——, ——, and impacted pelvic calculus, 158
——, ——, Development of, 190
——, ——, Differential diagnosis of, 159
——, ——, Medical management of, 159
——, ——, Pathology of, 159
——, ——, Roentgen diagnosis of, 159
——, ——, Surgical treatment of, 159
——, ——, The laboratory diagnosis of, 190
——, Resistance to, 100
——, retrospect and prospect, 131
—— sanatoria, Building, 136
—— ——, Standard, 137
—— schemes, Why, fail, 2
—— service, Public, 74
——, Skin, in cattle, 170
——, Social prophylaxis against, 84
——, Some questions relating to, 131
——, Specific prophylaxis of, 241
——, Squint, lefthandedness and, 67
——, Stability reaction of blood in, 154
—— statistics, New York City, May–July, 1921, 213
——, struggle against, in Belgium, The, 239
——, —— ——, —— Chile, The, 240
——, —— ——, —— Holland, The, 239
——, —— ——, —— Japan, The, 241
——, —— ——, —— Poland, The, 240
——, —— ——, —— Sweden, The, 240
——, Studies in immune biology, disposition and constitution and, 117

Tuberculosis, Sulphur dioxide and, 208
Tuberculosis, Surgical, 28, 63, 226
——, ——, Complement fixation in, 154
——, ——, Diagnostic value of tuberculin in, 110
——, ——, Heliotherapy in, 35, 230
——, ——, —— of, and necessity of community sanatoria for such patients, 230
——, ——, in children, Hospital school for, 76
——, ——, —— ——, The treatment of, by venous hyperemia, 148
——, ——, —— infants, 88
——, ——, Influence of trauma on, 86
——, ——, Institutional treatment in, 164
——, ——, lupus vulgaris and, Results of treatment of, with artificial chemical light baths, 197
——, ——, Mixed infection in, 71
——, ——, Nonoperative treatment of, 168
——, ——, operative treatment of, The, 120
——, ——, Sanatoria for, 38
——, ——, —— ——, Necessity of foundation of, 105
——, ——, Tebelon in the treatment of, 207
——, ——, The treatment of, with X-ray 35
——, ——, —— urochromogen reaction in, 92
——, ——, thoracic, Two cases of, 121
——, ——, treated by the Friedmann vaccine, 205
——, —— treatment of, 104, 199, 200
——, —— —— ——, by the practitioner, 202
——, ——, —— ——, with turtle bacilli, 202
Tuberculosis, Syphilis and, 162
——, The conquest of, 45
——, —— diagnosis of, 139
——, —— heart and, 126
——, —— influence of smoke abatement upon, 65
——, —— leucocytes during the treatment of, with the Deycke-Much partial antigens, 206
——, —— Martinotti vaccine for, 31
——, —— nose as a defense against, 216
——, —— prognostic significance of the cutaneous reaction to old tuberculin and to partial antigens in, 209
——, —— real problem of, 174
——, Trauma and, 106
Tuberculosis, Treatment of, 163
——, —— —— Friedmann's, 233
——, —— ——, at the seashore, 78
——, —— —— Chaulmoogra oil in the,
——, —— ——, Light, 229
——, —— ——, ——, Theory and practice of, 230
——, —— ——, with partial antigens (Deycke-Much), 206
——, —— ——, —— sodium morrhuate, 80
Tuberculosis, tubal, Genesis of, 112
——, Tumor-like, of the heart, 62
——, urological, Case of, 113
——, Vaccination against, 165
——, Vaccine therapy of, 30
——, —— treatment of, 74
—— ——, Tubar, another, 207
——, Vaginal, 112
——, What the nurse should know about, 106
——, Which lung is most frequently involved in, 185
——, X-ray treatment of, 199
Tuberculosis-free accredited herds, 15
Tuberculous adenitis, Radium treatment of, 35
—— ——, Treatment of, 166
—— ——, —— ——, by roentgen rays and radium, 166
—— animals, Nitrous oxide-oxygen anesthesia in, 86
—— apex, Tenderness over, 57
—— arthritis and osteomyelitis, treatment of, X-rays in the, 233
—— bone and joint disease, 96
—— children sleep in parks, 148
—— ——, The physical development of, 147
—— cripples, Care of, 203
—— disease in life insurance selection, 134
—— —— of the hip joint, 96
—— edematous infiltration of the lung, 158
——, Fatigue as a test of the, 140
——, Gastric ulcer in the, 110
—— hemarthrosis of the knee, 69
—— hemorrhages, 189
—— hilum pneumonia in children, Chronic, 90
—— hip disease and its simulants, 127
—— infants and children, Epituberculous infiltration of the lungs, in, 146
—— infection and delayed healing, 163

Tuberculous infection, childhood, Relation of, to adult tuberculosis, 176
—— —— in advanced childhood, Danger of, 215
—— —— of a child, 215
—— —— —— children, Agglutination reaction in, 222
—— infections, experimental, Leucocytic response in, 73
—— joints, early, Differential diagnosis of, 21, 191
—— ——, Surgery of, contrasted with heliotherapy, 230
—— kidney, Rationale of diagnostic catheterization in, 190
—— laryngitis, X-ray treatment of, 102
—— lesion, Tenderness in muscles as early sign of, beneath, 25
—— lesions, pulmonary, A prognostic classification of, 209
—— ——, surgical, Pulmonary tuberculosis in cases of, 225
—— lymph nodes, X-ray treatment of, 74, 199
—— lymphadenitis, X-ray treatment of, 78
—— lymphangitis, 70
Tuberculous meningitis, 30, 71
—— —— and hereditary syphilis, 227
—— ——, Association of, with meningococci and parameningococci, 97
—— ——, Curability of, 80
—— ——, diagnosis of, Chemical examination of the cerebrospinal fluid in the, 61
—— —— in adult consumptives, 111
—— —— —— adults, 160
—— —— —— ——, Symptoms of, 114
—— mesenteric nodes, A case of, 127
—— mothers, Infants of, 10
—— myocarditis, 27
—— parents, The fate of children of, during the war, 215
—— patients, Alpine health resorts for, 229
—— ——, Tubercle bacilli in the blood of, 93
—— pericarditis, chronic, Pleuropulmonary tuberculosis and, 95
—— peritonitis, 110
—— ——, Treatment of, 231
——, Psychology of the, 100
—— rabbits, The absorption of acacia from the pleural cavity of normal and, 49
—— salpingitis, 70
——, Significance of slight fever in the, 59
Tuberculous soldiers, Sanatorium care of, 152
—— sputum, Bacterial flora of, 20
—— ——, Disinfection of, 155
—— toxins as causes of disease, 216
Tumor-like tuberculosis of the heart, 62
Tumors, lung, Diagnosis of, 227
Turtle and other acid-fast bacilli, Antigenic property of low virulent tubercle bacilli, 155
—— bacilli, Treatment of surgical tuberculosis with, 202
Tweddell, F. Sulphur dioxide and tuberculosis, 208
Types of pulmonary tuberculosis under the X-rays, 68
—— —— tubercle bacillus, Significance of, 143

Ujihara, S. The struggle against tuberculosis in Japan, 241
Ulcer, Gastric, in the tuberculous, 110
Ultraviolet light, Exposure of the cornea to, 198
—— ——, The action of, on the inner organs of eosin sensitized mice, 198
—— —— treatment of heart and vascular diseases, 198
—— radiation, Effect of, on vitamines, 102
—— ray treatment of rickets, 232
—— rays in the preparation of vaccines, The use of, 122
—— ——, Radiating the larynx with, 34
—— ——, Sterilization of the throats of diphtheria carriers with, 198
—— ——, The action of, on the cell, 122
United States, Mortality and morbidity from tuberculosis in the, 171
—— ——, Prevention of tuberculosis in the, 172
—— —— registration area, 1919, Causes of death in, 4
Universal light baths in ophthalmology, 122
Unusual case of tuberculosis in an infant, An, 178
—— cases of abdominal tuberculosis, 158
Unverricht, W. Tuberculous infection of a child, 215
Upper air passages, Pseudotuberculosis due to disease of, 156
Urbain, A., and Fried, B. Specificity of the Besredka antigen, 143

Urine, intracutaneous injection of patient's own, Diagnostic value of, 60
Urochromogen reaction in surgical tuberculosis, The, 92
Urological tuberculosis, Case of, 113
U. S. cities, Pulmonary tuberculosis mortality of, 134

Vaccination against tuberculosis, 165
—— of cattle, 179
Vaccine, Friedmann, Surgical tuberculosis treated by the, 205
——, ——, The, 233
——, Friedmann's, Antigenic action of, 241
——, ——, Cold-blooded tubercle bacilli and, 204
——, ——, in pulmonary tuberculosis, 234
——, ——, The specificity of, 204
——, ——, Treatment of lupus vulgaris with, 205
——, Martinotti, for tuberculosis, The, 31
—— therapy of tuberculosis, 30
—— treatment of tuberculosis, 74
——, Tuberculosis immunizing, 119
——, tuberculosis, Tubar, another, 207
Vaccines, ultraviolet rays in the preparation of, The use of, 122
Vaginal tuberculosis, 112
—— wall, anterior, Tuberculosis of the, 160
Van Voornveld, H. J. A. Significance of slight fever in the tuberculous, 59
Varrier-Jones, P. C., and Woodhead, G. S. Dispensary, sanatorium and the tuberculosis officer, 43
—— ——. ——., —— ——, ——. ——. Occupations for consumptives, 77
——, ——. ——., —— ——, ——. ——. Quasi-continuous temperature records in early diagnosis, 91
Vascular diseases, heart and, Ultraviolet light treatment of, 198
Vein, Sodium silicate by the, 80
Venereal diseases, The light treatment of, 197
Venous hyperemia, The treatment of surgical tuberculosis in children by, 148
Vienna, the first census in, Statistics on infant and tuberculosis mortality during the eighteenth century, 43
——, Tuberculosis mortality in, before and after the war, 81
Vincenzo, F. What the war has taught with regard to predisposition to tuberculosis, 47
de Vine, J. F. Coöperative eradication campaign and the practitioner, 15
Vis, W. R. Apex, hilum and lower lobe lesions of tuberculosis in childhood, 89
Visible light rays, Action of the, on the body temperature, 103
Vital statistics for the year 1920 in New York City, 7
Vitamines, Effect of ultraviolet radiation on, 102
Von Ruck, K., and Flack, R. E. Vaccination against tuberculosis, 165

Wales, tuberculosis in, Campaign against, 3
Wallace, A. Nerve block in laryngeal tuberculosis, 126
War and social prophylaxis, 2
—— —— tuberculosis among the children of Munich, The, 178
——, The fate of children of tuberculous parents during the, 215
——, Tuberculosis mortality in Vienna before and after the, 81
——, What the, has taught with regard to predisposition to tuberculosis, 47
Ward, C. B., and Tanner, F. W. Bacteria on coins, 217
Ward, E. Infectivity of tuberculosis, 48
Wasson, W. W. Intrathoracic movements, 141
Watkins, W. W. Pulmonary syphilis, 115
Watts, H. F. R. Rôle of immunity in tuberculosis, 118
Webb, G. B., and Gilbert, G. B. Bronchiectasis and accessory sinus disease, 130
——, ——. ——., Forster, A. M., and Gilbert, G. B. Postural rest for pulmonary tuberculosis, 36
Weight, Climate and, in tuberculosis, 193
—— prediction, 140
Weil, M. P. Ambard's coefficient in pulmonary tuberculosis, 186
Weinberg, J. The influence of X-rays on the development of tuberculosis, 122
Weller, C. V. Tuberculosis of tonsils, 125
Westergren, A. Stability reaction of blood in tuberculosis, 154

Which lung is most frequently involved in tuberculosis, 185
Whittemore, W., and Chaffin, G. L. Extrapleural thoracotomy, 203
Wildbolz auto-urine reaction, Diagnostic value of the, 221
——, The determination of activity according to, 25
Wilkins, W. A. Diagnostic value of X-ray examination, 68
Wilkinson, W. X-ray treatment of pulmonary tuberculosis, 116
Williams, W. Glandular and pulmonary tuberculosis, 69
Winiwarter, J. Treatment of tuberculosis of the kidney, 105
Winslow, C.-E. A., and Greenburg, L. Control of the factory dust problem, 17
——, ——, ——., —— ——, ——. Industrial tuberculosis and the factory dust problem, 47
Wirtz, T. Tuberculosis of Meckel's diverticulum, 62
Wolbach, S. B., and Lovett, R. W. Roentgenography of obscure bone lesions, 61
Wollstein, M., and Spence, R. C. Tuberculosis in infants and young children, 88
Women, Tuberculosis of the kidney in, 70
Woodhead, G. S., and Varrier-Jones, P. C. Dispensary, sanatorium and the tuberculosis officer, 43
——, ——. ——., —— ——, ——. ——. Occupations for consumptives, 77
——, ——. ——., —— ——, ——. ——. Quasi-continuous temperature records in early diagnosis, 91
Woolley, J. S. A simple artificial pneumothorax apparatus, 75
Work of an after-care committee, 175
World, tuberculosis throughout the, Diffusion of, 211
Wounds, Chest, and pulmonary tuberculosis, 49
——, Lung, and pulmonary tuberculosis, 49
Wright, W. D. Skin tuberculosis in cattle, 170
Wrist, tuberculosis of the, Operation for, 32
Wynn, F. B. Medical management of renal tuberculosis, 159

X-ray and artificial light, Combined, treatment of local and pulmonary tuberculosis, 231
—— diagnosis in phthisis, 23
—— examination, Diagnostic value of, 68
—— —— of the chest, 22, 187
—— in diagnosis, 92
——, The treatment of surgical tuberculosis with, 35
—— treatment in children, The results of, 148
—— —— of laryngeal tuberculosis, 122
—— —— —— peritoneal and genital tuberculosis, 123
—— —— —— —— tuberculosis, 123
—— —— —— pulmonary and intestinal tuberculosis, 123
—— —— —— —— tuberculosis, 116
—— —— —— tuberculosis, 199
—— —— —— tuberculous laryngitis, 102
—— —— —— —— lymph nodes, 74, 199
—— —— —— —— lymphadenitis, 78
X-rays in the treatment of tuberculous arthritis and osteomyelitis, 233
——, small doses of, Action of, 233
——, The influence of, on the development of tuberculosis, 122
——, Treatment of lupus with iodine exposed to, 832
——, Types of pulmonary tuberculosis under the, 68

Young children, infants and, Tuberculosis in, 88

Zeisler, E. P. Tuberculosis of the lip, 44
Zigler, M. Case of urological tuberculosis, 113
Zilva, S. Effect of ultraviolet radiation on vitamines, 102